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ABSTRACT

This directory was compiled to assist vocational teachers and researchers in locating tests in various occupational fields. Test data was gathered from publishers, directors of vocational programs, union officials, and members of the American Vocational Association. Selection of the instruments depended on their availability and standardization, although a few restricted instruments and non-standardized "item-banks" are included. Several "Trainer-Tester" devices and similar performance measures are also included. The tests are presented within eleven broad fields of vocational education. Each test annotation includes title, author, publisher, cost, forms available, administration, and a brief description of the test items. A key word index is provided to facilitate test searches. (PR)

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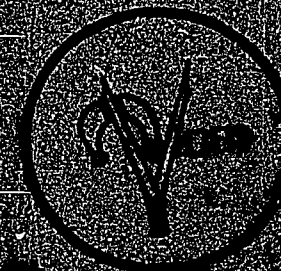
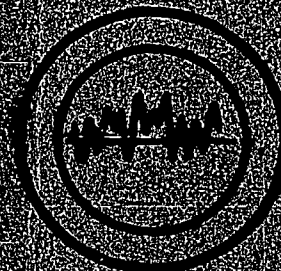
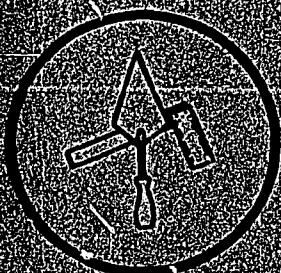
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DIRECTORY OF ACHIEVEMENT TESTS FOR OCCUPATIONAL EDUCATION

by
Joseph L. Boyd, Jr.
and
Benjamin Shuberg

Educational Testing Service
Princeton, New Jersey
April 1973



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DIRECTORY
OF
ACHIEVEMENT TESTS
FOR
OCCUPATIONAL EDUCATION

United States Department of Health, Education, and Welfare
Elliot Richardson, Secretary

United States Office of Education
Sidney P. Marland, Commissioner

New Jersey Department of Education
Carl L. Marburger, Commissioner

Developed by

Educational Testing Service
Princeton, New Jersey

Benjamin Shimberg - Project Director

Joseph L. Boyd, Jr. - Principal Investigator

*Pursuant to a contract with the New Jersey Department
of Education in cooperation with the United States
Office of Education, Department of Health, Education,
and Welfare, April 1971.*

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TESTS

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BY

JOSEPH L. BOYD, JR.

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BENJAMIN SHIMBERG

EDUCATIONAL TESTING SERVICE
PRINCETON, NEW JERSEY

This Directory was prepared pursuant to a contract with the New Jersey Department of Education in cooperation with the United States Office of Education, Division of Manpower Development and Training.

April 1971

The opinions expressed in this publication are those of the contractor and do not necessarily reflect the official opinion of the New Jersey Department of Education or the United States Office of Education.

TABLE OF CONTENTS

<i>Introduction</i>	<i>ii</i>
<i>Automotive Trades</i>	<i>1</i>
<i>Building Trades</i>	<i>9</i>
<i>Drafting, Printing, and Graphic Arts</i>	<i>24</i>
<i>Electronics</i>	<i>34</i>
<i>Health Occupations</i>	<i>50</i>
<i>Machine Trades</i>	<i>92</i>
<i>Office Occupations</i>	<i>110</i>
<i>Other</i>	<i>149</i>
<i>Key Word Index</i>	<i>154</i>

INTRODUCTION

Teachers of trade and technical subjects have been urged by leaders in the field of occupational education to evaluate the outcomes of instruction with standardized tests whenever possible. However, those who have attempted to follow such advice have often found the task of locating suitable tests a time-consuming and frustrating chore. Occupational researchers have encountered similar difficulties.

The plight of these teachers and researchers became evident to the Project Director several years ago when, as Director of Educational Relations for a large test publishing organization, he noted a marked increase in the number of inquiries for assistance in locating tests in various occupational fields. Most such inquiries were form letters, suggesting that these individuals were sending similar letters to other publishers in the hope that one of them might have a suitable test or be able to suggest where one might be found.

To make it easier for people seeking occupational achievement tests to find out quickly what was available from various sources, Educational Testing Service proposed to the U. S. Office of Education through the Manpower Planning and Development Branch that a comprehensive listing of available tests be prepared and given wide dissemination. The U. S. Office of Education, in turn, suggested that ETS seek funding for such a project, through the Vocational Education Division of the New Jersey Department of Education. Dr. Robert Worthington, Assistant Commissioner for Vocational Education, and Mr. Arthur Wenzel, Director of Manpower Training-Development Projects, agreed to support such an effort.

To obtain the necessary data, letters of inquiry were mailed to approximately three hundred large and small test publishers asking whether they had tests (or were in the process of preparing tests) related to eleven broad fields of vocational education. (See Exhibit A for listing of vocational fields.) Respondents were asked to indicate whether they published tests in any of the areas listed or in related areas.

Approximately 230 replies were received in response to the initial inquiry and 40 more were received in response to a follow-up letter. Forty-one of the respondents who had indicated that they published tests in the areas listed were then asked to provide additional information in the form of catalogs, descriptive leaflets, specimen sets, and test manuals.

A similar procedure was followed with several other groups: state directors of vocational education; regional directors of manpower training programs; and union officials associated with various skilled trades. Respondents were asked to identify any occupational competency tests they might be using in their programs or any tests which might be under development either within their organizations or at nearby universities. Relatively few usable suggestions came from these sources.

Finally, a general appeal was made to the 42,000 members of the American Vocational Association through a notice in the American Vocational Journal. This notice brought about 100 replies, but only a few suggested the names of tests; the vast majority wanted to know when the Directory would be published and how they could obtain copies.

The authors tried to follow up every lead and to obtain actual copies of tests, manuals, and other accessories. Many promising leads evaporated when it was found that the tests in question were essentially aptitude measures intended to predict

Exhibit A

EDUCATIONAL TESTING SERVICE

Survey of Occupational Tests

To assist in the compilation of a Directory of Vocational-Technical Tests, please send any descriptive materials you may have about any tests in the following areas or in related areas. Specimen copies of tests and accessory materials will also be appreciated.

AGRICULTURE: (Includes agri-business, agronomy, animal husbandry, forestry, game and fish management, recreational agriculture, landscape technology.)

AUTOMOTIVE AND AVIATION TRADES: (Includes auto and diesel mechanics, auto body work, heavy equipment, fluidics, aircraft mechanics.)

BUILDING TRADES: (Includes carpentry, electrical work, plumbing, heating and air conditioning, sheet metal.)

DISTRIBUTIVE EDUCATION: (Includes merchandising, marketing, transportation, insurance.)

DRAFTING, PRINTING, AND GRAPHIC ARTS: (Includes printing by various processes, technical illustration, mechanical and architectural drafting, commercial art, photography.)

ELECTRONICS: (Includes all occupations which utilize training in electronics, radio-TV repair, and servicing data processing equipment.)

FOODS AND HOSPITALITY: (Includes home economics and all segments of hotel/motel and restaurant industry.)

HEALTH OCCUPATIONS: (Includes all allied health fields such as nursing, dental, medical lab, physical-occupational therapy.)

MACHINE TRADES: (Includes machinists, tool and die, milling, planing, boring, fabricating, machine technology.)

OFFICE OCCUPATIONS: (Includes typing, shorthand, office practice, computer programing, data processing.)

PUBLIC AND PERSONAL SERVICE: (Includes law enforcement, governmental services, social welfare, barbering and cosmetology.)

Please send all material to Dr. Benjamin Shimberg, Educational Testing Service, Princeton, New Jersey 08540.

success in various occupational training programs, rather than measures of achievement in such programs. In several instances, the trail led to individuals who had compiled "item banks" in one or more occupational fields. While such tests or item pools cannot be considered "standardized" tests, some of them have been included because it was felt that the material might nevertheless be useful to vocational teachers. However, tests included in textbooks and workbooks have not been included because it was felt that most vocational teachers would probably be familiar with such material in their field of specialization.

One of the major criteria used to guide decisions regarding inclusion or exclusion in the Directory was the matter of availability. The authors decided that unless there was some likelihood of vocational educators gaining access to a test, there was not much point in listing it. For example, several states--notably California and Florida--have well-developed occupational competency testing programs for certifying vocational teachers or for granting academic credit for vocational experiences. However, the tests developed for use in such programs are not available to vocational educators. Indeed, the director of one program asked specifically that his tests not be included in the Directory, since he felt that this would only generate a great deal of unproductive correspondence. Tests used by state and local governments for licensing, certification, or Civil Service purposes have similarly been excluded as there is little likelihood that these agencies would make any of their tests available for use by vocational educators.

A number of tests whose use is restricted have been included. For example, the various trade tests produced by the Industrial Materials Laboratory at Ohio State University are

not available to individual teachers. However, arrangements may often be made for their use in citywide and statewide evaluation programs as well as for research projects. It was decided to list such tests with an appropriate notation regarding their restricted nature.

In several instances, materials were found which were not actually "published". For example, Dr. Thomas Baldwin (at the University of North Carolina) had developed tests in a number of trade and technical fields under a grant from the U. S. Office of Education. As of the time this Directory went to press, Dr. Baldwin had not made arrangements with a publisher for the dissemination of his instruments. However, he agreed that it would be appropriate to list his materials in the Directory so that interested persons could get in touch with him directly to ascertain availability.

Nor are all of the materials listed actually "tests". The "Trainer-Tester" devices are rather ingenious performance measures of trouble-shooting ability in such fields as electronics and automotive repair. The fact that they are paper-and-pencil instruments and potentially useful to vocational educators argued for their inclusion. Similarly, the various item pools in the field of nursing and in trade and industrial education would not qualify as "tests", yet some educators might find them a useful source of items; hence they too have been included. Finally, it is worth noting that while the materials produced by the Educational Objectives Exchange do not qualify as tests, they do contain sample questions to illustrate item-types suitable for measuring various objectives. Insofar as these materials are potentially useful and might not otherwise be known to teachers, the authors felt that inclusion was warranted.

The description of each test includes information about authorship; date of publication; time required for administration; number of forms available; content coverage; source from which test may be obtained; cost of booklets and specimen sets; and type of scoring available. Unless otherwise indicated, all of the tests listed are suitable for use in secondary and post-secondary programs. However, nursing tests are intended for post-secondary programs only.

For the most part, statistical information about each test has been taken directly from the test manual or from descriptive material provided by the publisher. No attempt has been made to evaluate the quality of the statistical techniques used, the adequacy of the samples, or the existence of other research which might yield supplementary data about the test. The authors have endeavored to describe each test objectively and to avoid making evaluative judgments. However, some of the comments, such as references to the lack of pictorial material or the poor quality of reproduction, might be construed as editorial in nature. We urge readers to bear in mind that our goal has been a limited one: to locate potentially useful tests and evaluative material and to provide a bare minimum of essential information. It would then be up to an interested teacher or researcher to follow up promising leads and decide for himself whether a given instrument is likely to meet his needs.

Users of this Directory who would like to know what experts think about a given test will find a number of the instruments reviewed in the Mental Measurements Yearbook, published by Dr. Oscar K. Buros, Gryphon Press, 220 Montgomery Street, Highland Park, New Jersey 08904. To facilitate the location of such reviews, the authors have noted in which issue of the Mental Measurements Yearbook a test review will be found.

For each test that has been reviewed, a notation appears at the bottom of the page. For example, MMY 6:35 indicates that the test review appears in the Sixth Mental Measurements Yearbook review No. 35. The sixth edition (the most recent Yearbook available) was published in 1965. The seventh edition is to be published in 1972 and will contain reviews of many of the tests listed in this Directory.

While the authors have made every effort to make this listing as accurate and up-to-date as possible, it is likely that some errors of fact will be found; the price of specimen sets may have changed; a publisher may have moved; a test may no longer be in print; or a new edition may have superseded the one listed. The authors apologize for any errors that may have crept into the Directory inadvertently. They would appreciate receiving accurate and up-to-date information about any of the tests listed.

The authors would also like to have information about any relevant tests or related materials that may have been overlooked. The fact that we found no tests in the fields of Agriculture or in Foods and Hospitality, suggests that we may not be reaching the proper sources of information. We therefore urge readers who may know of other tests that they think ought to be included to send us details. With such assistance, future editions of the Directory should be more comprehensive and more useful.

Finally, the authors would welcome comments from users. Has the Directory been helpful? In what ways? Should it be continued? How can it be improved?

AUTOMOTIVE TRADES

Test Title: ACHIEVEMENT TEST FOR AUTOMOTIVE MECHANICS

Author(s):

Publisher: For information, consult:
Dr. Thomas S. Baldwin
School of Education
University of North Carolina
Chapel Hill, North Carolina 27514

Copyright Date: 1968 Cost of Test Books:

Forms Available: One Specimen Set:

Standardization
Data: Percentile and standard score norms (N=525).
Reliability: $r=.97$ (KR 14).

Time to
Administer: 4 hours

Answer Sheet
and Scoring: Separate answer sheet. Hand- or machine-score.

Test
Description: 295 four-choice multiple-choice items covering
Engines
Fuel Systems
Electrical Systems
Chassis and Suspensions
Brakes
Air Conditioning
Power Trains

This test is designed for junior college/technical institute level.

NOTE: This test was developed under a USOE grant. As of April 1971, arrangements for publication and distribution had not been completed.

Test Title: AUTO BODY, OHIO TRADE AND INDUSTRIAL EDUCATION TESTS

Author(s):

Publisher: Industrial Materials Laboratory
Trade and Industrial Education
The Ohio State University
1885 Neil Avenue
Columbus, Ohio 43201

Copyright Date: 1970 Cost of Test Books: Inquire of publisher

Forms Available: One Specimen Set:

Standardization Data: Percentile norms for total and part scores.

Time to Administer: 4 hours in two sessions.

Answer Sheet and Scoring: Separate answer sheet. Centralized machine scoring service.

Test Description: 290 multiple-choice items covering:

- Welding
- Metal-Forming
- Body Filler
- Refinishing
- Trim and Hardware
- Parts Replacement
- Alignment
- Glass Replacement
- Fiber Glass Repair
- Frame and Unit Body
- Electrical System
- Cooling and Air Conditioning
- Shop Management
- Applied Science
- Applied Mathematics

NOTE: Restricted test, not available to individual teachers. School officials may arrange for use.

Title: AUTO MECHANICS

Publisher: The Instructional Objectives Exchange
P.O. Box 24095
Los Angeles, California 90024

Publication Date: 1970 Cost: \$8.00

Description: This is NOT a standardized test. It is a list of instructional objectives with examples of measurement items suitable for measuring achievement of each objective.

This Collection contains 185 objectives and related evaluation items for auto mechanics, grades 10 through 12. It concentrates on the processes involved in auto tune-up and repair. There are two sections: Section 1, Objectives 1-140, contains objectives which call for demonstrations of these processes; Section 2, Objectives 141-185, contains objectives which call for written responses to questions based on the processes involved in auto tune-up and repair.

Test Title: AUTO MECHANICS TRADE COMPETENCY EXAMINATION

Author(s):

Publisher: Department of Industrial Education
Eastern Michigan University
Ypsilanti, Michigan 48197

Copyright Date: 1969 Cost of Test Books: \$5, less in
large quantities

Forms Available: Item pool for assembly of forms on demand.
Specimen Set: \$5

Standardization
Data: Percentile norms, item analysis by administration
and cumulative.

Time to
Administer: Untimed.

Answer Sheet
and Scoring: Separate answer sheet. Central machine-scoring
service.

Test
Description: 300 four-choice multiple-choice items covering
Automotive Concepts
Testing Equipment
Engine Operation
Electrical Systems
Chassis
Items are computer printout; there are no
illustrated items.

Test Title: AUTOMOTIVE MECHANICS, OHIO TRADE AND INDUSTRIAL
EDUCATION TESTS

Author(s):

Publisher: Industrial Materials Laboratory
Trade and Industrial Education
The Ohio State University
1885 Neil Avenue
Columbus, Ohio 43201

Copyright Date: 1961 Cost of Test Books: Inquire of
publisher

Forms Available: One Specimen Set:

Standardization

Data: Percentile norms for total and part scores.
Validity studies have been conducted.
Reliability: $r=.95$ (N=400, split-half method)

Time to Administer: 3 hours, two sessions.

Answer Sheet and Scoring: Separate answer sheet. Centralized machine
scoring service.

Test Description: 306 multiple-choice items covering:

- Engine
- Fuel System
- Suspension System
- Brakes
- Basic Equipment and Tools
- Science
- Cooling System
- Electrical System
- Power Train
- Steering System
- General Service

NOTE: Restricted test, not available to individual teachers.
School officials may arrange for use.

Test Title: EXAMINATION IN AUTOMOTIVE MECHANICS

Author(s):

Publisher: The University of the State of New York
The State Department of Education
Albany, New York 12224

Copyright Date: 1969, annual revision.

Cost of Test Books: User arranges
for
reproduction

Forms Available: One

Specimen Set:

Standardization

Data: None. Examination is provided to vocational
school as a sample examination. It may be
modified by the local school in any way that
the individual teacher wishes.

Time to

Administer: 3 hours.

Answer Sheet
and Scoring:

Separate answer sheet. Hand-score.

Test

Description:

150 four-choice multiple-choice items covering
Terminology, Identification and Analysis of
Defects, Automotive Engines, Running Gear, and
Electricity.

Test Title: HEAVY EQUIPMENT AND DIESEL TRADES

Author(s):

Publisher: Department of Industrial Education
Eastern Michigan University
Ypsilanti, Michigan 48197

Copyright Date: 1969 Cost of Test Books: \$5, less in
large quantities

Forms Available: Item pool for assembly of forms on demand.
Speciment Set: \$5

Standardization
Data: Percentile norms, item analysis by administration
and cumulative.

Time to
Administer: Untimed.

Answer Sheet
and Scoring: Separate answer sheet. Central machine-scoring
service.

Test
Description: 320 four-choice multiple-choice items covering
Basic and Diesel Engines
Fuel and Electrical Components
Shop Practices
Diesel Fuels and Injection Systems
Clutches, Transmissions, and Fluid Drive
Air Brakes
Hydraulics

Items are computer printout; there are no
illustrated items.

Test Title: SHORT OCCUPATIONAL KNOWLEDGE TEST FOR AUTO MECHANICS

Author(s): Bruce A. Campbell and Suellen O. Johnson

Publisher: Science Research Associates
259 East Erie Street
Chicago, Illinois 60611

Copyright Date: 1969 Cost of Test Books: 20/\$4

Forms Available: One Specimen Set: \$2 (estimate)

Standardization Data: Scores categorized as Fail, Unclassifiable, or Pass.
Validity: 83.9% of subjects properly categorized as skilled or unskilled (N=154), with Unclassifiable dropped out.
Reliability: $r=.88$ (N=158, KR 20).

Time to Administer: Untimed; 15 minutes should be adequate.

Answer Sheet and Scoring: Answers marked on test sheet, scored by counting marks in boxes on back of carbon interleaved sheet.

Test Description: 20 five-choice multiple-choice items concerning automotive definitions and measurements.

BUILDING TRADES

Test Title: ACHIEVEMENT TEST FOR AIR CONDITIONING, HEATING
AND REFRIGERATION

Author(s):

Publisher: For information, consult:
Dr. Thomas S. Baldwin
School of Education
University of North Carolina
Chapel Hill, North Carolina 27514

Copyright Date: 1968 Cost of Test Books:

Forms Available: One Specimen Set:

Standardization
Data: Percentile and standard score norms (N=204).
Reliability: $r=.95$ (KR 14).

Time to
Administer: 4 hours.

Answer Sheet
and Scoring: Separate answer sheet. Hand- or machine-scored.

Test
Description: 250 four-choice multiple-choice items covering

Principles of Refrigeration
Refrigeration Applications
Controls
Air Conditioning
Blueprint Reading and Estimating
Materials, Tools, and Safety

Many illustrations. This test is designed for
junior college/technical institute level.

NOTE: This test was developed under a USOE grant. As of
April 1971, arrangements for publication and distribution
had not been completed.

Test Title: ACHIEVEMENT TEST FOR ELECTRICAL INSTALLATION
AND MAINTENANCE (INDUSTRIAL ELECTRICITY)

Author(s):

Publisher: For information, consult:
Dr. Thomas S. Baldwin
School of Education
University of North Carolina
Chapel Hill, North Carolina 27514

Copyright Date: 1968 Cost of Test Books:

Forms Available: One Specimen Set:

Standardization
Data: Percentile and standard score norms (N=212).
Reliability: $r=.94$ (KR 14).

Time to Administer: 4 hours

Answer Sheet and Scoring: Separate answer sheet. Hand- or machine-scored.

Test Description: 235 four-choice multiple-choice items covering

Basic Electronic Theory
Machines and Controls
Construction Wiring
Industrial Electricity Applications
Diagnosis of Electrical Malfunctions
Personnel and Equipment Safety

Well illustrated. This test is designed for junior college/technical institute level.

NOTE: This test was developed under a USOE grant. As of April April 1971, arrangements for publication and distribution had not been completed.

Test Title: BASIC ELECTRICITY, OHIO TRADE AND INDUSTRIAL
EDUCATION TESTS

Author(s):

Publisher: Industrial Materials Laboratory
Trade and Industrial Education
The Ohio State University
1885 Neil Avenue
Columbus, Ohio 43201

Copyright Date: 1962 Cost of Test Books: Inquire of
publisher

Forms Available: One Specimen Set:

Standardization
Data: Percentile norms for total and part scores.
Validity studies have been conducted.
Reliability: $r=.93$ (N=411, KR 20).

Time to
Administer: 3 hours

Answer Sheet
and Scoring: Separate answer sheet. Centralized machine
scoring service.

Test
Description: 240 multiple-choice items covering:

- Direct Current
- Laws of Magnetism
- Alternating Current
- Measurement
- Construction Wiring
- Diagnosis and Maintenance
- Circuit Tracing
- Applied Mathematics
- Applied Science

NOTE: Restricted test, not available to individual teachers.
School officials may arrange for use.

Test Title: CARPENTRY TRADE COMPETENCY EXAMINATION

Author(s):

Publisher: Department of Industrial Education
Eastern Michigan University
Ypsilanti, Michigan 48197

Copyright Date: 1969 Cost of Test Books: \$5, less in
large quantities

Forms Available: Item pool for assembly of forms on demand.
Specimen Set: \$5

Standardization
Data: Percentile norms, item analysis by administration
and cumulative

Time to
Administer: Untimed.

Answer Sheet
and Scoring: Separate answer sheet. Central machine-scoring
service.

Test
Description: 215 four-choice multiple-choice items covering
Basic Fundamentals
Hand Tools
Power Tools
Fastening
Materials
Rough Carpentry

Items are computer printout; there are no
illustrated items.

Test Title: ELECTRICAL SOPHISTICATION TEST

Author(s): Stanley G. Ciesla

Publisher: Psychometric Affiliates
1743 Monterey Street
Chicago, Illinois 60643

Copyright Date: 1963 Cost of Test Books: 25/\$2.50

Forms Available: One Specimen Set: \$1.00

Standardization
Data: Percentile norms for various groups including random job applicants (N=217), electricians (N=87), and electrical engineers (N=281).
Validity inferred from differences in mean scores of groups such as random job applicants, electricians, and electrical engineers.
Reliability: Test-retest: $r=.74$ (N=238 college men, seven week interval).
Tests of significance not reported.

Time to Administer: Untimed, 10 minutes should be adequate.

Answer Sheet and Scoring: Answer on test sheet. Hand score.

Test Description: 14 four-choice multiple-choice items; five cover relays, the others cover various factors of simple electricity.
Very crowded layout, poor reproduction.

Test Title: EXAMINATION IN CARPENTRY

Author(s):

Publisher: The University of the State of New York
The State Department of Education
Albany, New York 12224

Copyright Date: 1969, annual revision.

Cost of Test Books: User arranges
for
reproduction

Forms Available: One

Specimen Set:

Standardization

Data: None. Examination is provided to vocational school as a sample examination. It may be modified by the local school in any way that the individual teacher wishes.

Time to
Administer: 3 hours.

Answer Sheet
and Scoring: Separate answer sheet. Hand-score..

Test
Description: Part One has 120 four-choice multiple-choice items covering Carpentry Practices, Terminology, and Calculations.

Part Two has 5 four-choice multiple-choice items dealing with Carpenters' Calculations.

Part Three has 8 multi-part questions of which the student is required to answer 5. Questions involve Identification of Building Parts, Tool Usage, and Sketching.

Test Title: PURDUE TRADE INFORMATION TEST IN CARPENTRY

Author(s): Joseph Tiffin and Robert F. Mengelkoch

Publisher: University Book Store
360 State Street
West Lafayette, Indiana 47906

Copyright Date: 1952 Cost of Test Books: 25/\$5

Forms Available: One Specimen Set: 50¢

Standardization
Data: Percentile norms (N=186 students).
Stepped-up split-half reliability: $r=.94$ (N=48)

Time to
Administer: Untimed. 30-45 minutes adequate.

Answer Sheet
and Scoring: Answer in test book. Hand-score.

Test
Description: 94 four-choice multiple-choice items; almost
all involve definitions of trade terms. No
pictorial items.

Test Title: PURDUE TRADE INFORMATION TEST FOR SHEET METAL WORKERS

Author(s): J. Tiffin, B. R. Modisette, and Warren B. Griffin

Publisher: University Bookstore
360 State Street
West Lafayette, Indiana 47906

Copyright Date: 1958 Cost of Test Books: 25/\$5

Forms Available: One Specimen Set: 50¢

Standardization
Data: Percentile norms (N=47).
Reliability: $r=.77$ to $.90$ (KR 20).
Validity: mean difference between journeymen and students significant at $.01$ level.

Time to Administer: Untimed. 30-45 minutes adequate.

Answer Sheet and Scoring: Answer in test book. Hand-score.

Test Description: 35 four-choice multiple-choice items; primarily definitions and terminology; only two items use illustrations.

Test Title: SHEET METAL, OHIO TRADE AND INDUSTRIAL EDUCATION TESTS

Author(s):

Publisher: Industrial Materials Laboratory
Trade and Industrial Education
The Ohio State University
1885 Neil Avenue
Columbus, Ohio 43201

Copyright Date: 1964 Cost of Test Books: Inquire of publisher

Forms Available: One Specimen Set:

Standardization
Data: Percentile norms for total and part scores.
Validity studies have been conducted.
Reliability: $r=.88$ (N=67 high school seniors, KR 20).

Time to Administer: 6 hours in two sessions.

Answer Sheet and Scoring: Separate answer sheet. Centralized machine scoring service.

Test Description: 244 multiple-choice items covering

Blueprint Reading
Applied Science
Mathematics
Hand Tool Operations
Machine Operations
Soldering
Special Operations
Mechanical Drawing
Freehand Sketching
Metals
Nonmetallic Materials
Layout
Fabricating
Welding

NOTE: Restricted test, not available to individual teachers.
School officials may arrange for use.

Test Title: REFRIGERATION, HEATING, AND AIR CONDITIONING

Author(s):

Publisher: Department of Industrial Education
Eastern Michigan University
Ypsilanti, Michigan 48197

Copyright Date: 1969 Cost of Test Books: \$5, less in
large quantities

Forms Available: Item pool for assembly of forms on demand.
Specimen Set: \$5

Standardization
Data: Percentile norms, item analysis by administration
and cumulative.

Time to
Administer: Untimed.

Answer Sheet
and Scoring: Separate answer sheet. Central machine-scoring
service.

Test
Description: 308 four-choice multiple-choice items covering
Refrigeration Fundamentals
Advanced Refrigeration
Basic Air Conditioning
Heating Fundamentals
Advanced Air Conditioning and Heating
Basic and Advanced Electricity

Items are computer printout; there are no
illustrated items.

Test Title: SHORT OCCUPATIONAL KNOWLEDGE TEST FOR
CARPENTERS

Author(s): Bruce A. Campbell and Suellen O. Johnson

Publisher: Science Research Associates
259 East Erie Street
Chicago, Illinois 60611

Copyright Date: 1969 Cost of Test Books: 20/\$4

Forms Available: One Specimen Set: \$2 (estimate)

Standardization
Data: Scores categorized as Fail, Unclassifiable,
or Pass.
Validity: 87.5% of qualified and unqualified
subjects properly categorized with Unclassi-
fiable dropped out.
Reliability: $r=.63$ (N=54, KR 20).

Time to
Administer: Untimed; 15 minutes usually adequate.

Answer Sheet
and Scoring: Answers marked on test sheet. Test scored by
counting marks in boxes on back of carbon
interleaved sheet.

Test
Description: 20 five-choice multiple-choice items covering
technical terminology, measurements used in
carpentry.

Test Title: SHORT OCCUPATIONAL KNOWLEDGE TEST FOR
ELECTRICIANS

Author(s): Bruce A. Campbell and Suellen O. Johnson

Publisher: Science Research Associates
259 East Erie Street
Chicago, Illinois 60611

Copyright Date: 1969 Cost of Test Books: 20/\$4

Forms Available: One Specimen Set: \$2 (estimate)

Standardization
Data: Scores categorized as Fail, Unclassifiable,
or Pass.
Validity: 82.9% of subjects correctly cate-
gorized as qualified or unqualified (N=162),
with Unclassifiable dropped out.
Reliability: $r=.70$ (N=162, KR 20).

Time to
Administer: Untimed; 15 minutes should be adequate.

Answer Sheet
and Scoring: Answers marked on test sheet. Scored by count-
ing marks in boxes on back of carbon inter-
leaved sheet.

Test
Description: 18 five-choice multiple-choice items covering
electrical terminology, trade practices, and
computation.

Test Title: SHORT OCCUPATIONAL KNOWLEDGE TEST FOR PLUMBERS

Author(s): Bruce A. Campbell and Suellen O. Johnson

Publisher: Science Research Associates
259 East Erie Street
Chicago, Illinois 60611

Copyright Date: 1970 Cost of Test Books: 20/\$4

Forms Available: One Specimen Set: \$2 (estimate)

Standardization Data: Scores classified as Fail, Unclassifiable, or Pass.
Validity: 89% of pretest subjects correctly categorized as qualified or unqualified, with "Unclassifiable" dropped out.
Reliability: $r=.71$ (pretest sample $N=192$, KR 20).
Alternate form correlation, $r=.87$ (pretest $N=192$).

Time to Administer: Untimed; 15 minutes should be adequate.

Answer Sheet and Scoring: Answers marked on test sheet. Scored by counting marks in boxes on back of carbon interleaved sheet.

Test Description: 20 five-choice multiple-choice items covering plumbing practices and terminology; several illustrated items.

Test Title: WOODS, COOPERATIVE INDUSTRIAL ARTS TESTS

Author(s):

Publisher: Educational Testing Service
Princeton, New Jersey 08540

Copyright Date: 1969 Cost of Test Books: 20/\$7

Forms Available: Two Specimen Set: \$3 for series

Standardization
Data: Percentile norms
Validity: Content
Reliability: $r=.81$ (N=960, KR 20).

Time to
Administer: 35 minutes

Answer Sheet
and Scoring: Separate answer sheet. Hand- or machine-score.

Test
Description: 50 four-choice multiple-choice items covering

- Tools
- Material
- Processes
- Safety
- Wood Industry

Test is designed for pupils in grades 7, 8, 9
who have completed a one-semester course in
Woods.

Title: WOODWORKING

Publisher: The Instructional Objectives Exchange
P.O. Box 24095
Los Angeles, California 90024

Publication
Date: 1970 Cost: \$8.00

Description: This is NOT a standardized test. It is a list of instructional objectives with examples of measurement items suitable for measuring achievement of each objective.

This Collection is composed of 55 objectives and related evaluation items for Woodworking, grades 7 through 12.

DRAFTING, PRINTING, AND GRAPHIC ARTS

Test Title: DRAFTING TRADE COMPETENCY EXAMINATION

Author(s):

Publisher: Department of Industrial Education
Eastern Michigan University
Ypsilanti, Michigan 48197

Copyright Date: 1969 Cost of Test Books: \$5, less in
large quantities

Forms Available: Item pool for assembly of forms on demand.
Specimen Set: \$5

Standardization
Data: Percentile norms, item analysis by administration
and cumulative

Time to
Administer: Untimed.

Answer Sheet
and Scoring: Separate answer sheet. Central machine-scoring
service.

Test
Description: 274 four-choice multiple-choice items covering
Equipment and Materials
Fundamental Operations
Dimensioning
Shapes, Views, Projections
Machine Drawing
Threads and Fasteners
Architectural Drawing
Related Information
Reproduction Drawings

Items are computer printout; there are no
illustrated items.

Test Title: DRAWING, COOPERATIVE INDUSTRIAL ARTS TESTS

Author(s):

Publisher: Educational Testing Service
Princeton, New Jersey 08540

Copyright Date: 1969 Cost of Test Books: 20/\$7

Forms Available: Two Specimen Set: \$3 for series

Standardization
Data: Percentile norms
Validity: content
Reliability: $r=.77$ (N=780, KR 20).

Time to Administer: 35 minutes

Answer Sheet and Scoring: Separate answer sheet. Hand- or machine-score.

Test Description: 50 four-choice multiple-choice items covering

- Shape Description
- Size Description
- Drawing Techniques
- Equipment, Tools, and Material
- Other Drawing Procedures and Practices

More than half of the items are illustrated.

Test is designed for pupils in grades 7, 8, 9 who have completed a one-semester course in Drawing.

Test Title: EXAMINATION IN ARCHITECTURAL DRAFTING AND
BUILDING CONSTRUCTION

Author(s):

Publisher: The University of the State of New York
The State Department of Education
Albany, New York 12224

Copyright Date: 1969 Cost of Test Books: User arranges
for
reproduction

Forms Available: One Specimen Set:

Standardization
Data: None. Examination is provided to vocational
school as a sample examination. It may be
modified by the local school in any way that
the individual teacher wishes.

Time to
Administer: 3 hours.

Answer Sheet
and Scoring: Answer in separate answer booklet. Hand-score.

Test
Description: 15 four-choice multiple-choice items on Drafting
and Construction Principles, Procedures, and
Terminology. Four items require the drawing
or sketching of diagrams and plans; four items
ask for calculation of materials requirements,
etc.; and two items (student to answer only one)
require calculations for selection and place-
ment of steel beams.

Test Title: GENERAL DRAFTING: A COMPREHENSIVE EXAMINATION

Author(s): Robert E. Blum

Publisher: McGraw-Hill, Inc.

Copyright Date: 1969 Cost of Test Books: \$1.08 each

Forms Available: One Specimen Set: \$1.08

Standardization Data: Percentile norms by state and by amount of training (32 groups). Correlation between course grade and test score equals .52 (N=3657). Reliability: $r=.92$ (N=3657, (KR 20). Content validity assumed by comparison of test to usual first course in drafting.

Time to Administer: 100 minutes

Answer Sheet and Scoring: Answer in test book. Hand-score.

Test Description: 140 four-choice multiple-choice items. There are 77 figures, some used for more than one item. Topics covered are:

- Drawing Equipment and Material
- Lettering
- Applied Geometry
- Sketching
- Screw Threads and Fasteners
- Pictorial Drawing
- Orthographic Projection
- Dimensioning
- Sections and Conventions
- Auxiliaries

Test Title: MECHANICAL DRAFTING, OHIO TRADE AND INDUSTRIAL
EDUCATION TESTS

Author(s):

Publisher: Industrial Materials Laboratory
The Ohio State University
1885 Neil Avenue
Columbus, Ohio 43201

Copyright Date: 1963 Cost of Test Books: Inquire of
publisher

Forms Available: One Specimen Set:

Standardization

Data: Percentile norms for total and part scores.
Validity studies have been conducted.
Reliability: $r=.93$ (N=387 high school seniors,
KR 20).

Time to Administer: 6 hours in two sessions.

Answer Sheet and Scoring: Separate answer sheet. Centralized machine-
scoring service.

Test Description: 250 multiple-choice items covering

Drafting Materials and Equipment
Dimensioning
Auxiliary Views
Threads and Fasteners
Production or Working Drawings
Machine Elements
Auxiliary Information
Industrial Processes
Materials of Industry
Applied Science
Orthographic Projection
Sectional Views
Pictorial Drawing
Intersections and Developments
Geometric Drawing
Lettering
Reproduction of Drawings
Mathematics

NOTE: Restricted test, not available to individual teachers.
School officials may arrange for use.

Title: MECHANICAL DRAWING

Publisher: The Instructional Objectives Exchange
P.O. Box 24095
Los Angeles, California 90024

Publication Date: 1970 Cost: \$8.00

Description: This is NOT a standardized test. It is a list of instructional objectives with examples of measurement items suitable for measuring achievement of each objective.

This Collection contains 85 objectives and related evaluation items for Mechanical Drawing, grades 7-12. It is organized into the following categories: basic drafting skills, beginning lettering, making the drawings, orthographic projections, dimensioning, scale drawing, pictorial drawings, section drawing, auxiliary views, production notations, thread conventions and symbols, assembly and detail drawings, and reference symbols.

Test Title: MODERN PHOTOGRAPHY COMPREHENSION TEST

Author(s): Martin M. Bruce

Publisher: Martin M. Bruce, Ph.D.
340 Oxford Road
New Rochelle, New York 10802

Copyright Date: 1969 Cost of Test Books: 20/\$5.50

Forms Available: One Specimen Set: \$1.50

Standardization
Data: Correlation of test scores and scores on a
final examination for a college level course
in photography =.57 (N=19).
Reliability: Odd-even reliability with a
class of college students was .87 (N=19).
Test retest reliability (three-week interval):
r=.85.

Time to
Administer: Untimed

Answer Sheet
and Scoring: Answer in test book. Hand-score.

Test
Description: Forty four-choice multiple-choice items con-
cerning darkroom procedures, definition of
technical terminology, camera adjustment and
use.

Test Title: PRINTING, OHIO TRADE AND INDUSTRIAL EDUCATION TESTS

Author(s):

Publisher: Industrial Materials Laboratory
The Ohio State University
1885 Neil Avenue
Columbus, Ohio 43201

Copyright Date: 1963 Cost of Test Books: Inquire of publisher

Forms Available: One Specimen Set:

Standardization
Data: Percentile norms for total and part scores.
Validity studies have been conducted.
Reliability: $r=.94$ (N=177 high school seniors, KR 20).

Time to Administer: 4 hours in two sessions.

Answer Sheet and Scoring: Separate answer sheet. Centralized machine-scoring service.

Test Description: 340 multiple-choice items covering:

- Orientation
- Printing Planning
- Hand Composition
- Photo Composition
- Camera Operation
- Film Processing
- Letterpress Plate-Making
- Letterpress Presswork
- Applied Science
- Lithographic Stripping and Plate-Making
- Lithographic Presswork
- Binding
- Paper Technology
- Ink Technology
- Mathematics

NOTE: Restricted test, not available to individual teachers. School officials may arrange for use.

Test Title: PRINTING TRADE COMPETENCY EXAMINATION

Author(s):

Publisher: Department of Industrial Education
Eastern Michigan University
Ypsilanti, Michigan 48197

Copyright Date: 1969 Cost of Test Books: \$5, less in
large quantities

Forms Available: Item pool for assembly of forms on demand.
Specimen Set: \$5

Standardization
Data: Percentile norms, item analysis by administration
and cumulative.

Time to
Administer: Untimed.

Answer Sheet
and Scoring: Separate answer sheet. Central machine-scoring
service.

Test
Description: 274 four-choice multiple-choice items covering
Fundamentals of Composition
Printing Processes
Offset Printing
Gravure and Silk-Screen Processes
Special Machines
Photography
Printing Inks and Paper
Bindery and Related Information
Letterpress

Items are computer printout; there are no
illustrated items.

Test Title: SHORT OCCUPATIONAL KNOWLEDGE TEST FOR
DRAFTSMEN

Author(s): Bruce A. Campbell and Suellen O. Johnson

Publisher: Science Research Associates
259 East Erie Street
Chicago, Illinois 60611

Copyright Date: 1969 Cost of Test Books: 20/\$4

Forms Available: One Specimen Set: \$2 (estimate)

Standardization
Data: Scores categorized as Fail, Unclassifiable,
or Pass.
Validity: 92.2% of subjects properly cate-
gorized as skilled or unskilled (N=78), with
Unclassifiable dropped out.
Reliability: $r=.78$ (N=79, KR20).

Time to
Administer: Untimed; 15 minutes should be adequate.

Answer Sheet
and Scoring: Answers marked on test sheet. Scored by count-
ing marks in boxes on back of carbon inter-
leaved sheet.

Test
Description: 19 five-choice multiple-choice items, five of
which are illustrated. Other items concern
technical definitions and trade practice.

ELECTRONICS

Test Title: ACHIEVEMENT TEST FOR ELECTRONICS TECHNOLOGY

Author(s):

Publisher: For information, consult:
Dr. Thomas S. Baldwin
School of Education
University of North Carolina
Chapel Hill, North Carolina 27514

Copyright Date: 1968 Cost of Test Books:

Forms Available: One Specimen Set:

Standardization
Data: Percentile and standard score norms (N=372).
Reliability: $r=.96$ (KR 14).

Time to
Administer: 4 hours.

Answer Sheet
and Scoring: Separate answer sheet. Hand- or machine-scored

Test
Description: 235 four-choice multiple-choice items covering

Fundamentals of Electricity
Fundamentals of Electronics
Instrumentation
Applications of Electronics
Special Circuitry
Systems Analysis

Many illustrations. This test is designed for
junior college/technical institute level.

NOTE: This test was developed under a USOE grant. As of
April 1971, arrangements for publication and distribution
had not been completed.

Test Title: ACHIEVEMENT TEST FOR RADIO AND TELEVISION
SERVICING

Author(s):

Publisher: For information, consult:
Dr. Thomas S. Baldwin
School of Education
University of North Carolina
Chapel Hill, North Carolina 27514

Copyright Date: 1968 Cost of Test Books:

Forms Available: One Specimen Set.

Standardization
Data: Percentile and standard score norms (N=152).
Reliability: $r=.96$ (KR 14).

Time to
Administer: 4 hours.

Answer Sheet
and Scoring: Separate answer sheet. Hand- or machine-scored.

Test
Description: 300 four-choice multiple-choice items covering
Fundamentals of Direct Current
Fundamentals of Alternating Current
Fundamentals of Vacuum Tubes
Semi-Conductors
Circuits
Radio
Television

Numerous illustrations. This test is designed
for junior college/technical institute level.

NOTE: This test was developed under a USOE grant. As of
April 1971, arrangements for publication and distribution
had not been completed.

Test Title: BASIC ELECTRONICS, OHIO TRADE AND INDUSTRIAL
EDUCATION TESTS

Author(s):

Publisher: Industrial Materials Laboratory
The Ohio State University
1885 Neil Avenue
Columbus, Ohio 43201

Copyright Date: 1962 Cost of Test Books: Inquire of
publisher

Forms Available: One Specimen Set:

Standardization

Data: Percentile norms for total and part scores.
Validity studies have been conducted.
Reliability: $r = .90$ (N=508 high school seniors,
KR 20).

Time to
Administer: 90 minutes

Answer Sheet
and Scoring: Separate answer sheet. Centralized machine
scoring service.

Test
Description: 100 multiple-choice items covering

Tuning Circuits
Vacuum Tubes
Semiconductors
Power Supplies
Amplifiers
Detector Circuits
Test Equipment
Oscillator Circuits

NOTE: Restricted test, not available to individual teachers.
School officials may arrange for use.

Test Title: ELECTRICITY ELECTRONICS COMPETENCY EXAMINATION

Author(s):

Publisher: Department of Industrial Education
Eastern Michigan University
Ypsilanti, Michigan 48197

Copyright Date: 1969 Cost of Test Books: \$5, less in
large quantities

Forms Available: Item pool for assembly of forms on demand.
Specimen Set: \$5

Standardization
Data: Percentile norms, item analysis by administration
and cumulative.

Time to
Administer: Untimed.

Answer Sheet
and Scoring: Separate answer sheet. Central machine-scoring
service.

Test
Description: 291 four-choice multiple-choice items covering
Fundamental Concepts
Batteries
Circuits
Testing and Measuring Equipment
Power Sources and Motors
Transmission
Vacuum Tubes
Circuit Components
Rectifiers, Amplifiers, and Oscillators
Modulation and Radar
Computers, Television, and Recording
Equipment
Industrial Electronics

Items are computer printout; there are no
illustrated items.

Test Title: ELECTRICITY-ELECTRONICS, COOPERATIVE INDUSTRIAL
ARTS TESTS

Author(s):

Publisher: Educational Testing Service
Princeton, New Jersey 08540

Copyright Date: 1969 Cost of Test Books: 20/\$7

Forms Available: Two Specimen Set: \$3 for series

Standardization
Data: Percentile norms
Validity: Content
Reliability: $r=.88$ (KR 20)

Time to
Administer: 35 minutes

Answer Sheet
and Scoring: Separate answer sheet. Hand- or machine-score.

Test
Description: 50 four-choice multiple-choice items covering

Electrons
Circuits
Magnetism
Measurements
Devices
Safety
Occupations
Tools and Materials

Nearly half of the items are illustrated.

Test is designed for pupils in grades 7, 8, 9
who have completed a one-semester course in the
subject.

Title: ELECTRONICS

Publisher: The Instructional Objectives Exchange
P.O. Box 24095
Los Angeles, California 90024

Publication

Date: 1970

Cost: \$8.00

Description: This is NOT a standardized test. It is a list of instructional objectives with examples of measurement items suitable for measuring achievement of each objective.

This Collection contains 50 objectives and related evaluation items for Electronics, grades 7 through 12. It is organized into the following categories: fundamentals, direct-current circuits, primary and secondary batteries, electro-magnetic induction, direct-current generators, direct-current motors and controls, alternating current, single-phase circuits, and operations and maintenance.

Test Title: EXAMINATION IN INDUSTRIAL ELECTRICITY AND ELECTRONICS

Author(s):

Publisher: The University of the State of New York
The State Department of Education
Albany, New York 12224

Copyright Date: 1969, annual revision.

Cost of Test Books: User arranges
for
reproduction

Forms Available: One Specimen Set:

Standardization Data: None. Examination is provided to vocational school as a sample examination. It may be modified by the local school in any way that the individual teacher wishes.

Time to Administer: 3 hours.

Answer Sheet and Scoring: Separate answer booklet. Hand-score.

Test Description: Part One is 60 four-choice multiple-choice items covering Electrical and Electronic Terminology, Principles, Calculations, and Shop Practices.

Part Two has two options--Advanced Electricity and Advanced Electronics, each with 10 multi-part problems of which the student is required to answer 8.

Test Title: EXAMINATION IN TECHNICAL ELECTRICITY AND ELECTRONICS

Author(s):

Publisher: The University of the State of New York
The State Department of Education
Albany, New York 12224

Copyright Date: 1969, annual revision.

Cost of Test Books: User arranges
for
reproduction

Forms Available: One Specimen Set:

Standardization
Data: None. Examination is provided to vocational
school as a sample examination. It may be
modified by the local school in any way that
the individual teacher wishes.

Time to
Administer: 3 hours.

Answer Sheet
and Scoring: Separate answer sheet. Hand-score.

Test
Description: 50 four-choice multiple-choice items, including
Electrical and Electronic Terminology, Cal-
culations, and Principles. Eight items (student
to answer six) requiring calculations and graph-
reading; three optional sections, each including
five items (the student to answer four) on Ad-
vanced Electricity, Advanced Electronics, or
Computers.

Test Title: TROUBLESHOOTING TRAINER-TESTER* DEVICE FOR
THE BASIC POSITIONING SERVO SYSTEM (ELECTRONICS)

Author(s):

Publisher: Van Valkenburgh, Nooger and Neville, Inc.
15 Maiden Lane
New York, New York 10038

Copyright Date: 1954, 1961 Cost of Test Books: Approximately
35¢ per prob-
lem sheet

Forms Available: 8 troubleshooting problems

Specimen Set: 4-problem package,
\$2.35

Standardization
Data:

Time to
Administer: Variable. Time to complete may be a scoring
element.

Answer Sheet
and Scoring: Answer on problem sheet. Hand-score by judging
adequacy of problem-solving sequence.

Test
Description: Problem sheet describes a trouble in the unit.
The examinee obtains test instrument readings
at test points of his choice by erasing an ink
overprint in a "symptom" area on the sheet. He
numbers each erasure in sequence to record his
troubleshooting path. When he believes he has
isolated the fault, he indicates a part replace-
ment or adjustment by an erasure in the "remedy"
area. Schematic and wiring diagrams, and equip-
ment photographs are supplied on auxiliary sheets.
The trainer-tester provides realistic experience
in troubleshooting logic in a paper and pencil
format.

Note: *"Trainer-tester" is a registered trademark.

Test Title: TROUBLESHOOTING TRAINER-TESTER* DEVICE FOR
THE BASIC RADAR SYSTEM (ELECTRONICS)

Author(s):

Publisher: Van Valkenburgh, Nooger and Neville, Inc.
15 Maiden Lane
New York, New York 10038

Copyright Date: 1954, 1961 Cost of Test Books: Approximately
35¢ per prob-
lem sheet

Forms Available: 8 troubleshooting problems

Specimen Set: 4-problem package,
\$2.35

Standardization
Data:

Time to
Administer: Variable. Time to complete may be a scoring
element.

Answer Sheet
and Scoring: Answer on problem sheet. Hand-score by judging
adequacy of problem-solving sequence.

Test
Description: Problem sheet describes a trouble in the unit.
The examinee obtains test instrument readings
at test points of his choice by erasing an ink
overprint in a "symptom" area on the sheet. He
numbers each erasure in sequence to record his
troubleshooting path. When he believes he has
isolated the fault, he indicates a part replace-
ment or adjustment by an erasure in the "remedy"
area. Schematic and wiring diagrams, and equip-
ment photographs are supplied on auxiliary sheets.
The trainer-tester provides realistic experience
in troubleshooting logic in a paper and pencil
format.

Note: *"Trainer-tester" is a registered trademark.

Test Title: TROUBLESHOOTING TRAINER-TESTER* DEVICE FOR
THE BLACK AND WHITE TELEVISION RECEIVER
(RCA-ACS78) (ELECTRONICS)

Author(s):

Publisher: Van Valkenburgh, Nooger and Neville, Inc.
15 Maiden Lane
New York, New York 10038

Copyright Date: 1954, 1961 Cost of Test Books: Approximately
35¢ per prob-
lem sheet

Forms Available: 3 troubleshooting problems

Specimen Set: \$1.95

Standardization
Data:

Time to
Administer: Variable. Time to complete may be a scoring
element.

Answer Sheet
and Scoring: Answer on problem sheet. Hand-score by judging
adequacy of problem-solving sequence.

Test
Description: Problem sheet describes a trouble in the unit.
The examinee obtains test instrument readings
at test points of his choice by erasing an ink
overprint in a "symptom" area on the sheet. He
numbers each erasure in sequence to record his
troubleshooting path. When he believes he has
isolated the fault, he indicates a part replace-
ment or adjustment by an erasure in the "remedy"
area. Schematic and wiring diagrams, and equip-
ment photographs are supplied on auxiliary sheets.
The trainer-tester provides realistic experience
in troubleshooting logic in a paper and pencil
format.

NOTE: *"Trainer-tester" is a registered trademark.

Test Title: TROUBLESHOOTING TRAINER-TESTER* DEVICE FOR
ELECTRONIC CIRCUITS

Author(s):

Publisher: Van Valkenburgh, Nooger and Neville, Inc.
15 Maiden Lane
New York, New York 10038

Copyright Date: 1954, 1961 Cost of Test Books: Approximately
35¢ per prob-
lem sheet

Forms Available: 12 troubleshooting problems

Specimen Set: 6-problem package
\$2.95

Standardization
Data: Validity: students trained with trainer-tester
simulators and actual hardware were significantly
superior to those trained with hardware only.

Time to
Administer: Variable. Time to complete may be a scoring
element.

Answer Sheet
and Scoring: Answer on problem sheet. Hand-score by judging
adequacy of problem-solving sequence.

Test
Description: Problem sheet describes a trouble in the unit.
The examinee obtains test instrument readings
at test points of his choice by erasing an ink
overprint in a "symptom" area on the sheet. He
numbers each erasure in sequence to record his
troubleshooting path. When he believes he has
isolated the fault, he indicates a part replace-
ment or adjustment by an erasure in the "remedy"
area. Schematic and wiring diagrams, and equip-
ment photographs are supplied on auxiliary sheets.
The trainer-tester provides realistic experience
in troubleshooting logic in a paper and pencil
format.

Note: *"Trainer-tester" is a registered trademark.

Test Title: TROUBLESHOOTING TRAINER-TESTER* DEVICE FOR
THE PUSH-PULL AMPLIFIER (ELECTRONICS)

Author(s):

Publisher: Van Valkenburgh, Nooger and Neville, Inc.
15 Maiden Lane
New York, New York 10038

Copyright Date: 1954, 1961 Cost of Test Books: Approximately
35¢ per prob-
lem sheet

Forms Available: 12 troubleshooting problems

Specimen Set: 6-problem package
\$2.95

Standardization
Data: Validity: students trained with trainer-tester
simulators and actual hardware were significantly
superior to those trained with hardware only.

Time to
Administer: Variable. Time to complete may be a scoring
element.

Answer Sheet
and Scoring: Answer on problem sheet. Hand-score by judging
adequacy of problem-solving sequence.

Test
Description: Problem sheet describes a trouble in the unit.
The examinee obtains test instrument readings
at test points of his choice by erasing an ink
overprint in a "symptom" area on the sheet. He
numbers each erasure in sequence to record his
troubleshooting path. When he believes he has
isolated the fault, he indicates a part replace-
ment or adjustment by an erasure in the "remedy"
area. Schematic and wiring diagrams, and equip-
ment photographs are supplied on auxiliary sheets.
The trainer-tester provides realistic experience
in troubleshooting logic in a paper and pencil
format.

Note: *"Trainer-tester" is a registered trademark.

Test Title: TROUBLESHOOTING TRAINER-TESTER* DEVICE FOR
THE SUPERHETERODYNE RECEIVER (ELECTRONICS)

Author(s):

Publisher: Van Valkenburgh, Nooger and Neville, Inc.
15 Maiden Lane
New York, New York 10038

Copyright Date: 1954, 1961 Cost of Test Books: Approximately
35¢ per prob-
lem sheet

Forms Available: 24 troubleshooting problems

Specimen Set: 6-problem package,
\$2.95

Standardization
Data: Validity: students trained with trainer-tester
simulators and actual hardware were significantly
superior to those trained with hardware only.

Time to
Administer: Variable. Time to complete may be a scoring
element.

Answer Sheet
and Scoring: Answer on problem sheet. Hand-score by judging
adequacy of problem-solving sequence.

Test
Description: Problem sheet describes a trouble in the unit.
The examinee obtains test instrument readings
at test points of his choice by erasing an ink
overprint in a "symptom" area on the sheet. He
numbers each erasure in sequence to record his
troubleshooting path. When he believes he has
isolated the fault, he indicates a part replace-
ment or adjustment by an erasure in the "remedy"
area. Schematic and wiring diagrams, and equip-
ment photographs are supplied on auxiliary sheets.
The trainer-tester provides realistic experience
in troubleshooting logic in a paper and pencil
format.

Note: *"Trainer-tester" is a registered trademark.

Test Title: TROUBLESHOOTING TRAINER-TESTER* DEVICE FOR
THE THREE-STAGE TRANSMITTER (ELECTRONICS)

Author(s):

Publisher: Van Valkenburgh, Nogger and Neville, Inc.
15 Maiden Lane
New York, New York 10038

Copyright Date: 1954, 1961 Cost of Test Books: Approximately
35¢ per prob-
lem sheet

Forms Available: 12 troubleshooting problems

Specimen Set: 6-problem package,
\$2.95

Standardization
Data: Validity: students trained with trainer-tester
simulators and actual hardware were significantly
superior to those trained with hardware only.

Time to
Administer: Variable. Time to complete may be a scoring
element.

Answer Sheet
and Scoring: Answer on problem sheet. Hand-score by judging
adequacy of problem-solving sequence.

Test
Description: Problem sheet describes a trouble in the unit.
The examinee obtains test instrument readings
at test points of his choice by erasing an ink
overprint in a "symptom" area on the sheet. He
numbers each erasure in sequence to record his
troubleshooting path. When he believes he has
isolated the fault, he indicates a part replace-
ment or adjustment by an erasure in the "remedy"
area. Schematic and wiring diagrams, and equip-
ment photographs are supplied on auxiliary sheets.
The trainer-tester provides realistic experience
in troubleshooting logic in a paper and pencil
format.

Note: *"Trainer-tester" is a registered trademark.

Special Note: Trainer-tester materials have been developed in other electrical and electronic trade areas, but are available only in special bulk quantity purchases. They are not available as off-the-shelf items. The material includes

- Multimeter - 3 operating exercises
- Electronic Multimeter - 3 operating exercises
- Electron Tube Test Set - 3 operating exercises
- Electronic Volt Meter - one operating exercise, 9 troubleshooting problems
- Dumont 304-AR Oscilloscope - one operating exercise, 9 troubleshooting problems
- Test Oscillator HP605A (Hewlett-Packard) - one operating exercise, 10 troubleshooting problems
- Signal Generator HP608C (Hewlett-Packard) - 2 operating exercises, 9 troubleshooting problems
- Transistor Circuits - 9 troubleshooting problems
- Synchro Circuits - 6 troubleshooting problems
- Soldering - 4 procedural problems
- Mechanical - 4 problems including simple pneumatic and simple hydraulic systems
- DC Circuits - 4 problems
- AC Circuits - 4 problems
- Miscellaneous Electronics Practices - 7 problem sheets
- Radio Transmitter T-195/GRC-19 - 20 troubleshooting problems
- Radio Teletypewriter Set - 20 troubleshooting problems
- FM Radio Receiver - 10 faultfinding problems
- General Purpose Digital Training Computer - 10 troubleshooting problems
- IBM 1401 Data Processing Tape System - one troubleshooting problem
- IBM Type 026 Card Punch - one troubleshooting problem

HEALTH OCCUPATIONS

Test Title: ACHIEVEMENT TEST IN ANATOMY AND PHYSIOLOGY

Author(s):

Publisher: National League for Nursing Evaluation Service
10 Columbus Circle
New York, New York 10019

Copyright Date: 1964 Cost of Test Books: Rental 75¢

Forms Available: One Specimen Set: Descriptive brochure available

Standardication
Data: Reliability: $r=.93$ (KR 21, N=2014)

Time to Administer: 2 hours

Answer Sheet and Scoring: Separate answer sheet. Scored by National League for Nursing.

Test Description: 142 four-choice multiple-choice items emphasizing Physiology, approximately 1/5 of the items concern pure anatomy.

Test Title: ACHIEVEMENT TEST IN BASIC NURSING PROCEDURES
AND ELEMENTARY NUTRITION

Author(s):

Publisher: National League for Nursing Evaluation Service
10 Columbus Circle
New York, New York 10019

Copyright Date: 1958 Cost of Test Books: Rental \$1.00

Forms Available: One Specimen Set: Descriptive brochure available

Standardization
Data: Percentile norms (N=3954 employed psychiatric aides).
Reliability: $r=.89$ (KR 21).

Time to Administer: Untimed, 90 - 120 minutes adequate

Answer Sheet and Scoring: Separate answer sheet. Scored by National League for Nursing.
Three scores reported: Basic Nursing Procedures, Elementary Nutrition, and Total.

Test Description: 107 four-choice multiple-choice items.
Basic Nursing Procedures has 75 items, mostly "what to do" and "how to do" about patient care. The Elementary Nutrition section, 32 items, deals for the most part with the kind of information included in elementary and high school health classes.

Test Title: ACHIEVEMENT TEST IN BASIC PHARMACOLOGY

Author(s):

Publisher: National League for Nursing Evaluation Service
10 Columbus Circle
New York, New York 10019

Copyright Date: 1967 Cost of Test Books: Rental \$1.00

Forms Available: One Specimen Set: Descriptive brochure available

Standardization
Data: Percentile norms.
Reliability: $r=.81$ (Split half corrected by
Spearman-Brown formula, $N=538$)

Time to
Administer: 2 hours

Answer Sheet
and Scoring: Separate answer sheet. Scored by National
League for Nursing.

Test
Description: 115 four-choice multiple-choice items, covering
general principles of pharmacology, administration of drugs, calculation of dosage,
pharmacologic action, and toxic effects and
their controls.

Test Title: ACHIEVEMENT TEST IN CHEMISTRY

Author(s):

Publisher: National League for Nursing Evaluation Service
10 Columbus Circle
New York, New York 10019

Copyright Date: 1963 Cost of Test Books: Rental \$1

Forms Available: One Specimen Set: Descriptive brochure available

Standardization
Data: Percentile norms.
Reliability: $r=.93$ for total score (KR 21,
N=15,489).

Time to
Administer: Approximately 2 hours

Answer Sheet
and Scoring: Separate answer sheet scored by National League
for Nursing.

Test
Description: 135 four-choice multiple-choice items. There
are three subtests, 45 items each, in Organic,
Inorganic, and Biochemistry.

Test Title: ACHIEVEMENT TEST IN ELEMENTARY PSYCHIATRIC NURSING

Author(s):

Publisher: National League for Nursing Evaluation Service
10 Columbus Circle
New York, New York 10019

Copyright Date: 1958 Cost of Test Books: Rental 75¢

Forms Available: One Specimen Set: Descriptive brochure available

Standardization
Data: Percentile norms (N=4200 aides).
Reliability: $r=.92$ (KR 21, N=4200).

Time to Administer: Untimed. 90-120 minutes adequate.

Answer Sheet and Scoring: Separate answer sheet. Scored by National League for Nursing.

Test Description: 105 four-choice multiple-choice items, mostly based on case descriptions. They relate to attitudes, approaches, interpersonal responses, and emotional needs in given situations. Few terminology items.

Test Title: ACHIEVEMENT TEST IN MICROBIOLOGY

Author(s):

Publisher: National League for Nursing Evaluation Service
10 Columbus Circle
New York, New York 10019

Copyright Date: 1961 Cost of Test Books: Rental 75¢

Forms Available: One Specimen Set: Descriptive brochure available

Standardization
Data: Percentile norms.
Reliability: $r=.85$ (KR 21, N=20,325).

Time to Administer: 2 hours

Answer Sheet and Scoring: Separate answer sheet. Scored by National League for Nursing.

Test Description: 124 four-choice multiple-choice items including the following topics:

- Occurrence of Organisms, Growth Factors, and Activities
- Destruction, Physical and Chemical Means
- Morphology, and Classification
- Infection, Resistance, and Immunity
- Antibiotics
- Characteristics of Pathogens in Relation to Diseases
- Diagnostic Tests
- Portals, Transfer of Infection, and Sanitation

Test Title: ACHIEVEMENT TEST IN NORMAL NUTRITION

Author(s):

Publisher: National League for Nursing Evaluation Service
10 Columbus Circle
New York, New York 10019

Copyright Date: 1962 Cost of Test Books: Rental 75¢

Forms Available: One Specimen Set: Descriptive brochure available

Standardization
Data: Percentile norms.
Reliability: $r=.83$ (KR 21, N=18,727).

Time to Administer: 2 hours

Answer Sheet and Scoring: Separate answer sheet. Scored by National League for Nursing.

Test Description: 124 four-choice multiple-choice items.
Items cover the following topics:
Nutritional value of food and food groups
Effect of nutrients on the body
Needs of tissues and other physiological aspects
Chemistry of food
Effect of Processing, storing, and cooking
Recommended food allowances
Food habits and family guidance
Organization agencies
Legislation
Cultural aspects

Test Title: ACHIEVEMENT TEST IN NURSING OF CHILDREN

Author(s):

Publisher: National League for Nursing Evaluation Service
10 Columbus Circle
New York, New York 10019

Copyright Date: 1968 Cost of Test Books: Rental \$1.25

Forms Available: One Specimen Set: Descriptive brochure available

Standardization
Data: Percentile norms.
Reliability: $r=.79$ (split half, Spearman-Brown correction, $N=773$).

Time to Administer: 2 hours

Answer Sheet and Scoring: Separate answer sheet. Scored by National League for Nursing.

Test Description: 119 four-choice multiple-choice items.
Two subscores are provided: Growth and Development, 33 items; and Care of the Sick Child, 86 items.
Questions pertaining to psychological aspects, nutrition, pharmacology, and the basic sciences are included.

Test Title: ACHIEVEMENT TEST IN OBSTETRIC NURSING

Author(s):

Publisher: National League for Nursing Evaluation Service
10 Columbus Circle
New York, New York 10019

Copyright Date: 1968 Cost of Test Books: Rental \$1.25

Forms Available: One Specimen Set: Descriptive brochure available

Standardization
Data: Percentile norms.
Reliability: $r=.73$ (split half corrected by
Spearman-Brown formula, $N=828$).

Time to
Administer: 2 hours

Answer Sheet
and Scoring: Separate answer sheet. Scored by National
League for Nursing.

Test
Description: 111 four-choice multiple-choice items. Three
subscores are reported: Antepartal Care, 41
items; Partal and Postpartal Care, 45 items;
and Care of the Newborn, 25 items.

While the emphasis is on the normal, questions
dealing with common abnormalities of the mother
and the newborn are included.

Test Title: ACHIEVEMENT TEST IN PSYCHIATRIC NURSING

Author(s):

Publisher: National League for Nursing Evaluation Service
10 Columbus Circle
New York, New York 10019

Copyright Date: 1965 Cost of Test Books: Rental \$1.25

Forms Available: One Specimen Set: Descriptive brochure available

Standardization
Data: Percentile norms.
Reliability: $r=.83$ (split half corrected by
Spearman-Brown formula, $N=1746$)

Time to Administer: 2 hours

Answer Sheet and Scoring: Separate answer sheet. Scored by National League for Nursing.

Test Description: 125 four-choice multiple-choice items. Two subscores are provided:
Psychiatric Nursing Practice includes the what-to-do, the how-to-do, and the what-to-say items, 58 items;
Facts and Principles of Psychiatric Nursing, 67 items, concerned with the why of psychiatric nursing practice, manifestations of mental illness and emotional disturbances, mental health concepts and trends.

Test Title: ACHIEVEMENT TEST IN PUBLIC HEALTH NURSING

Author(s):

Publisher National League for Nursing Evaluation Service
10 Columbus Circle
New York, New York 10019

Copyright Date: 1961 Cost of Test Books: Rental \$1.00

Forms Available: One Specimen Set: Descriptive brochure available

Standardization
Data: Percentile norms.
Reliability: $r=.79$ (KR 21, N=3769).

Time to Administer: 2 hours

Answer Sheet and Scoring: Answer
Separate answer sheet. Scored by National League for Nursing.

Test Description: 133 four-choice multiple-choice items. There are two subscores:
Nursing Practice and Services, Psychological Facts and Concepts, 74 items;
Science and General Information Pertaining to Public Health and Public Health Nursing, 59 items.

NOTE: This test for use only in programs leading to a bachelor's degree.

Test Title: ACHIEVEMENT TESTS IN NURSING: ANATOMY AND
PHYSIOLOGY

Author(s):

Publisher: The Psychological Corporation
304 E. 45th Street
New York, New York 10017

Copyright Date: 1968 Cost of Test Books: Free, if school
uses entrance examination;
otherwise, \$1 rental.

Forms Available: One Specimen Set:

Standardization
Data: Percentile norms.

Time to
Administer: Untimed; usually one class period.

Answer Sheet
and Scoring: Separate answer sheet. Central machine-scoring
and reporting service.

Test
Description: 72 four-choice multiple-choice items covering
identification, purposes, functions, and termin-
ology in Anatomy and Physiology.

Test Title: ACHIEVEMENT TESTS IN NURSING: CANCER NURSING

Author(s):

Publisher: The Psychological Corporation
304 E. 45th Street
New York, New York 10017

Copyright Date: 1967 Cost of Test Books: Free, if school
uses entrance examination;
otherwise, \$1 rental.

Forms Available: One Specimen Set:

Standardization
Data: Percentile norms.

Time to
Administer: Untimed, one class period.

Answer Sheet,
and Scoring: Separate answer sheet. Central Machine-scoring
and reporting service.

Test
Description: 75 four-choice multiple-choice items covering
principles, practices, and terminology related
to Cancer Nursing.

Test Title: ACHIEVEMENT TESTS IN NURSING: COMMUNICABLE DISEASES

Author(s):

Publisher: The Psychological Corporation
304 E. 45th Street
New York, New York 10017

Copyright Date: 1961 Cost of Test Books: Free, if school uses entrance examination; otherwise, \$1 rental.

Forms Available: One Specimen Set:

Standardization Data: Percentile norms.

Time to Administer: Untimed, one class period.

Answer Sheet and Scoring: Separate answer sheet. Central machine-scoring and reporting service.

Test Description: 85 five-choice multiple-choice items covering
Terminology
Planning of Patient Care
Nursing Principles and Practices
Disease Symptoms

Test Title: ACHIEVEMENT TESTS IN NURSING: GENERAL CHEMISTRY

Author(s):

Publisher: The Psychological Corporation
304 E. 45th Street
New York, New York 10017

Copyright Date: 1964 Cost of Test Books: Free, if school
uses entrance examination;
otherwise, \$1 rental.

Forms Available: One Specimen Set:

Standardization
Data: Percentile norms.

Time to
Administer: Untimed, one class period.

Answer Sheet
and Scoring: Separate answer sheet. Central machine-scoring
and reporting service.

Test
Description: 70 five-choice multiple-choice items covering
Definitions in Terminology
Chemical Reactions
Calculations
Pharmacology

Test Title: ACHIEVEMENT TESTS IN NURSING: MEDICAL NURSING

Author(s):

Publisher: The Psychological Corporation
304 E. 45th Street
New York, New York 10017

Copyright Date: 1968 Cost of Test Books: Free, if school
uses entrance examination;
otherwise, \$1 rental.

Forms Available: One Specimen Set:

Standardization
Data: Percentile norms.

Time to
Administer: Untimed, one class period.

Answer Sheet
and Scoring: Separate answer sheet. Central machine-scoring
and reporting service.

Test
Description: 68 four-choice multiple-choice items covering
terminology, treatment, principles, and prac-
tices of Medical Nursing.

Test Title: ACHIEVEMENT TESTS IN NURSING: MICROBIOLOGY

Author(s):

Publisher: The Psychological Corporation
304 E. 45th Street
New York, New York 10017

Copyright Date: 1968 Cost of Test Books: Free, if school
uses entrance examination;
otherwise, \$1 rental.

Forms Available: One Specimen Set:

Standardization
Data: Percentile norms.

Time to
Administer: Untimed, one class period.

Answer Sheet
and Scoring: Separate answer sheet. Central machine-scoring
and reporting service.

Test
Description: 50 four-choice multiple-choice items covering
Terminology
Prophylactic Procedures
Characteristics and Effects of Organisms

Test Title: ACHIEVEMENT TESTS IN NURSING: NUTRITION AND
DIET THERAPY

Author(s):

Publisher: The Psychological Corporation
304 E. 45th Street
New York, New York 10017

Copyright Date: 1968 Cost of Test Books: Free, if school
uses entrance examination;
otherwise, \$1 rental.

Forms Available: One Specimen Set:

Standardization
Data: Percentile norms.

Time to
Administer: Untimed, one class period.

Answer Sheet
and Scoring: Separate answer sheet. Central machine-scoring
and reporting service.

Test
Description: 51 four-choice multiple-choice items covering
Terminology
Nutritional Elements
Special Diets
Caloric Values

Test Title: ACHIEVEMENT TESTS IN NURSING: OBSTETRICAL
NURSING

Author(s):

Publisher: The Psychological Corporation
304 E. 45th Street
New York, New York 10017

Copyright Date: 1968 Cost of Test Books: Free, if school
uses entrance examination;
otherwise, \$1 rental.

Forms Available: One Specimen Set:

Standardization
Data: Percentile norms.

Time to
Administer: Untimed, one class period.

Answer Sheet
and Scoring: Separate answer sheet. Central machine-scoring
and reporting service.

Test
Description: 72 four-choice multiple-choice items covering
Physiology
Infant Diet
Symtoms and Causes
Infant Care and Treatment

Test Title: ACHIEVEMENT TESTS IN NURSING: ORGANIC AND
INORGANIC CHEMISTRY

Author(s):

Publisher: The Psychological Corporation
304 E. 45th Street
New York, New York 10017

Copyright Date: 1964 Cost of Test Books: Free, if school
uses entrance examination;
otherwise, \$1 rental.

Forms Available: One Specimen Set:

Standardization
Data: Percentile norms.

Time to
Administer: Untimed, one class period.

Answer Sheet
and Scoring: Separate answer sheet. Central machine-scoring
and reporting service.

Test
Description: 73 five-choice multiple-choice items covering
terminology, functions, reactions, pharmacology,
and physiological applications of Organic and
Inorganic Chemistry.

Test Title: ACHIEVEMENT TESTS IN NURSING: PEDIATRIC
NURSING

Author(s):

Publisher: The Psychological Corporation
304 E. 45th Street
New York, New York 10017

Copyright Date: 1968 Cost of Test Books: Free, if school
uses entrance examination;
otherwise, \$1 rental.

Forms Available: One Specimen Set:

Standardization
Data: Percentile norms.

Time to
Administer: Untimed, one class period.

Answer Sheet
and Scoring: Separate answer sheet. Central machine-scoring
and reporting service.

Test
Description: 65 four-choice multiple-choice items covering
Terminology
Symptoms
Diseases
Treatment
Diet
Child Development

Test Title: ACHIEVEMENT TESTS IN NURSING: PHARMACOLOGY

Author(s):

Publisher: The Psychological Corporation
304 E. 45th Street
New York, New York 10017

Copyright Date: 1968 Cost of Test Books: Free, if school
uses entrance examination;
otherwise, \$1 rental.

Forms Available: One Specimen Set:

Standardization
Data: Percentile norms.

Time to
Administer: Untimed, one class period.

Answer Sheet
and Scoring: Separate answer sheet. Central machine-scoring
and reporting service.

Test
Description: 67 four-choice multiple-choice items covering
Terminology
Drug Effects
Means of Administration
Pharceutical Calculations

Test Title: ACHIEVEMENT TESTS IN NURSING: PSYCHOLOGY AND SOCIOLOGY

Author(s):

Publisher: The Psychological Corporation
304 E. 45th Street
New York, New York 10017

Copyright Date: 1968 Cost of Test Books: Free, if school uses entrance examination; otherwise, \$1 rental.

Forms Available: One Specimen Set:

Standardization Data: Percentile norms.

Time to Administer: Untimed, one class period.

Answer Sheet and Scoring: Separate answer sheet. Central machine-scoring and reporting service.

Test Description: 55 four-choice multiple-choice items covering

- Terminology
- Interpersonal Relations
- Social Organization
- Cultural Differences
- Defense Mechanisms
- Social Psychology of the Nursing Profession

Test Title: ACHIEVEMENT TESTS IN NURSING: SURGICAL NURSING

Author(s):

Publisher: The Psychological Corporation
304 E. 45th Street
New York, New York 10017

Copyright Date: 1968 Cost of Test Books: Free, if school
uses entrance examination;
otherwise, \$1 rental.

Forms Available: One Specimen Set:

Standardization
Data: Percentile norms.

Time to
Administer: Untimed, one class period.

Answer Sheet
and Scoring: Separate answer sheet. Central machine-scoring
and reporting service.

Test
Description: 61 four-choice multiple-choice items covering
terminology, principles, and practices of
Surgical Nursing.

Test Title: ACHIEVEMENT TESTS IN PRACTICAL NURSING

Author(s):

Publisher: The Psychological Corporation
304 E. 45th Street
New York, New York 10017

Copyright Date: 1967 Cost of Test Books: Free, if school
uses entrance examination;
otherwise, \$1 rental.

Forms Available: One Specimen Set:
Standardi
Standardization
Data: Percentile norms.

Time to
Administer: Untimed, one class period.

Answer Sheet
and Scoring: Separate answer sheet. Central machine-scoring
and reporting service.

Test
Description: Part One: 71 four-choice multiple-choice items
including Terminology, Diet, Anatomy,
and Dosages and Medications.
(This is a separate test booklet.)

Part Two: 77 four-choice multiple-choice items
including Terminology, Pediatrics,
Convalescence, and Rehabilitation.
(This is a separate test booklet.)

Test Title: BASIC COURSE-END ACHIEVEMENT TEST IN MEDICAL-SURGICAL NURSING

Author(s):

Publisher: National League for Nursing Evaluation Service
10 Columbus Circle
New York, New York 10019

Copyright Date: 1962 Cost of Test Books: Rental \$1

Forms Available: One Specimen Set: Descriptive brochure available

Standardization
Data: Percentile norms.
Reliability: $r=.71$ (KR 21, N=24,669).

Time to Administer: Two hours

Answer Sheet and Scoring: Separate answer sheet. Scored by National League for Nursing.

Test Description: 126 four-choice multiple-choice items. The items test basic facts and principles and their application in the care of patients with the more common medical and surgical conditions.

Three scores are reported: Medical Nursing, 47 items; Surgical Nursing, 39 items; Combined Medical-Surgical Nursing, 40 items.

Also included: test items related to basic sciences, interpersonal relations, teaching and communication skills, nutrition and diet-therapy, and pharmacology.

Test Title: COMPREHENSIVE ACHIEVEMENT TEST IN APPLIED
NATURAL SCIENCES

Author(s):

Publisher: National League for Nursing Evaluation Service
10 Columbus Circle
New York, New York 10019

Copyright Date: 1967 Cost of Test Books: Rental \$1.25

Forms Available: One Specimen Set: Descriptive brochure available

Standardization
Data: Percentile norms.
Reliability: $r=.73$ for each of two separately
scored parts of the test (KR 21, $N=420$)

Time to
Administer 2 1/2 hours

Answer Sheet
and Scoring: Separate answer sheet. Scored by National
League for Nursing.

Test
Description: Part A: 83 four-choice multiple-choice items
covering physiology, pathophysiology,
chemistry, physics, and microbiology.
Part B: 47 six-option items involving the
knowledge of more than one of the
sciences and measuring cause and effect
relationships.

NOTE: This test for use only in programs leading to a bachelor's degree.

Test Title: COMPREHENSIVE ACHIEVEMENT TEST IN COMMUNICABLE
DISEASE NURSING

Author(s):

Publisher: National League for Nursing Evaluation Service
10 Columbus Circle
New York, New York 10019

Copyright Date: 1963 Cost of Test Books: Rental \$1.00

Forms Available: One Specimen Set: Descriptive bro-
chure available

Standardization
Data: Percentile norms.
Reliability: $r=.81$ (KR 21, N=10,092).

Time to
Administer: 2 hours

Answer Sheet
and Scoring: Separate answer sheet. Scored by National
League for Nursing.

Test
Description: 145 four-choice multiple-choice items yielding
two subscores: first includes items pertaining
to prevention, susceptibility, transmission,
and epidemiology; second includes items
pertaining to manifestations of diseases,
complications, diagnostic tests, treatment,
and nursing care.

Test Title: COMPREHENSIVE ACHIEVEMENT TEST IN DIET THERAPY
AND APPLIED NUTRITION

Author(s):

Publisher: National League for Nursing Evaluation Service
10 Columbus Circle
New York, New York

Copyright Date: 1962 Cost of Test Books: Rental 75¢

Forms Available: One Specimen Set: Descriptive brochure available

Standardization
Data: Percentile norms.
Reliability: $r=.79$ (KR 21, $N=18,765$).

Time to
Administer: 2 hours

Answer Sheet
and Scoring: Separate answer sheet. Scored by National League
for Nursing.

Test
Description: 136 four-choice multiple-choice items covering
the nutritional aspects of medical-surgical
nursing, with questions devoted to nutrition in
maternal-child nursing and family guidance and
other aspects of nutrition, including both diet
therapy and normal nutrition.

Test Title: COMPREHENSIVE ACHIEVEMENT TEST IN DISASTER
NURSING

Author(s):

Publisher: National League for Nursing Evaluation Service
10 Columbus Circle
New York, New York 10019

Copyright Date: 1961 Cost of Test Books: Rental \$1.00

Forms Available: One Specimen Set: Descriptive brochure available

Standardization
Data: Percentile norms.
Reliability: $r=.74$ (KR 21, N=10,531).

Time to Administer: 2 hours

Answer Sheet and Scoring: Separate answer sheet. Scored by National League for Nursing.

Test Description: 148 four-choice multiple-choice items yielding two subscores:
General Nursing Knowledge Applicable to Disaster Situations, 90 items;
Facts and Principles Peculiar to Disasters and Disaster Nursing, 58 items.
Topics covered include general items applicable to nursing in any type of disaster, items relating to natural disaster situations, general items relating primarily to enemy-caused thermo-nuclear disaster situations.

Test Title: COMPREHENSIVE ACHIEVEMENT TEST IN MATERNAL-CHILD NURSING

Author(s):

Publisher: National League for Nursing Evaluation Service
10 Columbus Circle
New York, New York 10019

Copyright Date: 1964 Cost of Test Books: Rental \$1

Forms Available: One Specimen Set: Descriptive brochure available

Standardization Data: Percentile norms.
Reliability: $r=.86$ (KR 21, N=946).

Time to Administer: 2 hours

Answer Sheet and Scoring: Separate answer sheet. Scored by National League for Nursing.

Test Description: 150 four-choice multiple-choice items yielding three subscores:
Growth and Development, including the normal changes of pregnancy, 52 items;
Condition and Care of the Sick Child, 61 items;
All other items such as obstetric aspects other than the physiological changes of pregnancy, scientific and medical aspects not peculiar to pediatrics, and interpersonal aspects not unique to maternal-child nursing, 37 items.

NOTE: This test for use only in programs leading to a bachelor's degree.

Test Title: COMPREHENSIVE ACHIEVEMENT TEST IN MATERNITY AND
CHILD NURSING

Author(s):

Publisher: National League for Nursing Evaluation Service
10 Columbus Circle
New York, New York 10019

Copyright Date: 1967 Cost of Test Books: Rental \$1.25

Forms Available: One Specimen Set: Descriptive brochure available

Standardization
Data:

Percentile norms.
Reliability: $r=.71$ (split half corrected by
Spearman-Brown formula, $N=944$ students in ac-
credited diploma programs).
Reliability: $r=.83$ (split half corrected by
Spearman-Brown formula, $N=474$ students in
associate degree programs).

Time to
Administer: 2 hours

Answer Sheet
and Scoring: Separate answer sheet. Scored by National
League for Nursing.

Test
Description: 135 four-choice multiple-choice items yielding
two subscores:

Care of the Normal Pregnant Woman, Including
the Normal Newborn; Growth and Development
from Infancy through Adolescence, 47 items;

Care of Sick Children from Birth through
Adolescence, 70 items.

The 18 items not included in either subscore
relate chiefly to abnormalities and other as-
pects of pregnancy and are included in the
total score.

Test Title: COMPREHENSIVE ACHIEVEMENT TEST IN MEDICAL-SURGICAL NURSING

Author(s):

Publisher: National League for Nursing Evaluation Service
10 Columbus Circle
New York, New York 10019

Copyright Date: 1967 Cost of Test Books: Rental \$1.25

Forms Available: One Specimen Set: Descriptive brochure available

Standardization
Data: Percentile norms.
Part A: Reliability: $r=.70$ (KR 21, N=812).
Part B: Reliability: $r=.65$ (KR 21, N=812).

Time to Administer: 2 1/2 hours

Answer Sheet and Scoring: Separate answer sheet. Scored by National League for Nursing.

Test Description: 130 items regarding knowledge of basic nursing decisions in the care of medical-surgical patients and nursing judgments and actions based on assessment of patient needs and understanding of therapeutic measures.

There are 90 four-choice multiple-choice items in Part A and 40 six-choice multiple-choice items in Part B which call for comprehension of cause and effect relations.

NOTE: This test for use only in programs leading to bachelor's degree.

Test Title: COMPREHENSIVE ACHIEVEMENT TEST IN MEDICAL-
SURGICAL NURSING, PART I (THREE-IN-ONE)

Author(s):

Publisher: National League for Nursing Evaluation Service
10 Columbus Circle
New York, New York 10019

Copyright Date: 1962 Cost of Test Books: \$1.00

Forms Available: One Specimen Set: Descriptive brochure available

Standardization
Data: Percentile norms.
Reliability: $r=.69$ (KR 21, $N=24,552$).

Time to Administer: 2 hours

Answer Sheet and Scoring: Separate answer sheet. Scored by National League for Nursing.

Test Description: 135 four-choice multiple-choice items. There are three subtests, each 45 items, covering the areas: Orthopedic Nursing; Neurological-Neurosurgical Nursing; and Eye, Ear, Nose, and Throat Nursing.

Test Title: COMPREHENSIVE ACHIEVEMENT TEST IN MEDICAL-
SURGICAL NURSING, PART II (TWO-IN-ONE)

Author(s):

Publisher: National League for Nursing Evaluation Service
10 Columbus Circle
New York, New York 10019

Copyright Date: 1962 Cost of Test Books: \$1.00

Forms Available: One Specimen Set: Descriptive brochure available

Standardization
Data: Percentile norms.
Reliability: $r=.70$ (KR 21, N=27,095).

Time to
Administer: 2 hours

Answer Sheet
and Scoring: Separate answer sheet. Scored by National
League for Nursing.

Test
Description: 145 four-choice multiple-choice items yielding
two subscores: Medical Nursing Practice, 73
items: Surgical Nursing Practice. 72 items.
Excluded from this test are items on orthopedic,
neurological, neurosurgical, and eye, ear, nose,
and throat nursing.

Test Title: COMPREHENSIVE ACHIEVEMENT TEST IN NATURAL SCIENCES IN NURSING

Author(s):

Publisher: National League for Nursing Evaluation Service
10 Columbus Circle
New York, New York 10019

Copyright Date: 1968 Cost of Test Books: Rental \$1.25

Forms Available: One Specimen Set: Descriptive brochure available

Standardization
Data: Percentile norms.
Reliability: $r=.88$ (split half corrected by Spearman-Brown formula, $N=690$).

Time to Administer: 2 hours

Answer Sheet and Scoring: Separate answer sheet. Scored by National League for Nursing.

Test Description: 148 four-choice multiple-choice items yielding two subscores: Application of Facts and Principles of the Natural Sciences in the Care of Patients, 91 items; Facts and Principles of the Natural Sciences, 57 items.
The sciences included are anatomy and physiology, chemistry, microbiology, and physics.

Test Title: COMPREHENSIVE ACHIEVEMENT TEST IN PHARMACOLOGY
IN CLINICAL NURSING (FACTS AND PRINCIPLES AND
THEIR APPLICATION)

Author(s):

Publisher: National League for Nursing Evaluation Service
10 Columbus Circle
New York, New York 10019

Copyright Date: 1967 Cost of Test Books: Rental \$1.00

Forms Available: One Specimen Set: Descriptive brochure available

Standardization
Data: Percentile norms.
Reliability; $r=.85$ (split half corrected by
Spearman-Brown formula, $N=966$).

Time to
Administer: 2 hours

Answer Sheet
and Scoring: Separate answer sheet. Scored by National
League for Nursing.

Test
Description: 135 four-choice multiple-choice items covering
pharmacologic items, untoward effects and their
control, drug administration, and calculation
of dosage.

Test Title: PRACTICAL NURSING ACHIEVEMENT TEST: NURSING INCLUDING ASPECTS OF PHARMACOLOGY

Author(s):

Publisher: National League for Nursing Evaluation Service
10 Columbus Circle
New York, New York 10019

Copyright Date: 1964 Cost of Test Books: Rental, \$1

Forms Available: One Specimen Set: Descriptive brochure available

Standardization Data: Reliability: total score: $r=.89$ (KR 21, N=1000).

Time to Administer: 2 hours

Answer Sheet and Scoring: Separate answer sheet. Scored by National League for Nursing. Three subscores and total score are reported.

Test Description: 150 four-choice multiple-choice items covering three major areas: Medical-Surgical Nursing, 74 questions; Maternal-Child Nursing, 40 questions; Pharmacology and the Administration of Medication, 32 items. Four additional vocational adjustment items are included in the total score.

Test Title: PRACTICAL NURSING ACHIEVEMENT TEST: THREE
UNITS OF CONTENT

Author(s):

Publisher: National League for Nursing Evaluation Service
10 Columbus Circle
New York, New York 10019

Copyright Date: 1964 Cost of Test Books: Rental \$1

Forms Available: One Specimen Set: Descriptive brochure available

Standardization
Data: Percentile norms.
Total score reliability: $r=.93$ (KR 21, N=1007 students).

Time to
Administer: 2 hours

Answer Sheet
and Scoring: Separate answer sheet scored by National League
for Nursing. Four scores reported: Body
Structure and Functions, Basic Nursing Procedures,
Nutrition and Diet Therapy, and Total Score.

Test
Description: 148 four-choice multiple-choice items. 46
items cover Body Structure and Function, 56
items are concerned with Basic Nursing Procedures,
and 46 items deal with Nutrition and Diet Therapy.

Test Title: TEST RESERVOIR FOR AIDE INSTRUCTORS IN NURSING
(TRAIN)

Author(s):

Publisher: National League for Nursing Evaluation Service
10 Columbus Circle
New York, New York 10019

Copyright Date: 1965 Cost of Test Books:

Forms Available: One Specimen Set: \$5.00

Standardization
Data:

Time to
Administer:

Answer Sheet
and Scoring:

Test

Description: File of 200 test items for local assembly into
tests. Items are appropriate for aides working
on adult medical-surgical units in general
hospitals. Topics are:

Job Adjustments
Hygiene and Comfort
Observing and Recording
Bedmaking
Positions and Moving
Treatments
Feeding
Emergencies
Patient Care

Test Title: TESTING THE AIDE'S SKILLS WITH CHILDREN (TASC)

Author(s):

Publisher: National League for Nursing Evaluation Service
10 Columbus Circle
New York, New York 10019

Copyright Date: 1966 Cost of Test Books:

Forms Available: One Specimen Set: \$5.00

Standardization
Data:

Time to
Administer:

Answer Sheet
and Scoring:

Test

Description: TASC is a file of 200 multiple-choice items
to be assembled into tests to fit an institu-
tion's needs. Topics covered are:

- Job Adjustments
- Hygiene and Comfort
- Observing and Recording
- Bedmaking and Care of the Environment
- Positions and Moving
- Treatments and Equipment and Its Care
- Feeding and Foods
- Emergencies
- Special Needs and Problems Related to
Hospitalization
- Growth and Development
- Exceptional Children

Test Title: TOOL FOR EVALUATING ABILITIES AND COMPETENCIES
OF HOME HEALTH AIDES (TEACH)

Author(s):

Publisher: National League for Nursing Evaluation Service
10 Columbus Circle
New York, New York 10019

Copyright Date: 1969 Cost of Test Books:

Forms Available: Specimen Set: \$6.00

Standardization
Data:

Time to
Administer:

Answer Sheet
and Scoring:

Test
Description: File of 200 test items for local assembly into
tests. Topics are:

- Job Adjustment
- Hygiene and Comfort
- Observing and Recording
- Beds, Bedmaking, and Care of the Environment
- Positions and Moving
- Treatments and Equipment and its Care
- Feeding and Foods
- Emergencies
- Patient Needs and Care
- Child Care

MACHINE TRADES

Test Title: ACHIEVEMENT TEST FOR MACHINISTS

Author(s):

Publisher: For information, consult:
Dr. Thomas S. Baldwin
School of Education
University of North Carolina
Chapel Hill, North Carolina 27514

Copyright Date: 1968 Cost of Test Books:

Forms Available: One Specimen Set:

Standardization

Data: Percentile and standard score norms (N=332).
Reliability: $r=.95$ (KR 14).

Time to
Administer: 4 hours

Answer Sheet
and Scoring: Separate answer sheet. Hand- or machine-score.

Test
Description: 285 four-choice multiple-choice items covering

Hand Tools and Application
Measuring Tools and Processes
Cutting Tools
Milling Machines
Lathes
Grinding Machines
Minor Machines
Metallurgy

This test is designed for junior college/technical institute level.

NOTE: This test was developed under a USOE grant. As of April 1971, arrangements for publication and distribution had not been completed.

Test Title: WELDING TRADE COMPETENCY EXAMINATION

Author(s):

Publisher: Department of Industrial Education
Eastern Michigan University
Ypsilanti, Michigan 48197

Copyright Date: 1969 Cost of Test Books: \$5, less in
large quantities

Forms Available: Item pool for assembly of forms on demand.
Specimen Set: \$5

Standardization
Data: Percentile norms, item analysis by administration
and cumulative.

Time to
Administer: Untimed.

Answer Sheet
and Scoring: Separate answer sheet. Central machine-scoring
service.

Test
Description: 240 four-choice multiple-choice items covering
Terms and Safety
Gas Welding Equipment
Oxy-acetylene Welding
Arc Welding
Arcs and Electrodes
Resistance and Other Welding Processes
Materials

Items are computer printout; there are no
illustrated items.

Test Title: CAN YOU READ A MICROMETER?

Author(s): C. H. Lawshe, Jr.

Publisher: University Book Store
360 State Street
West Lafayette, Indiana 47906

Copyright Date: 1943 Cost of Test Books: 25/\$2.50

Forms Available: One Specimen Set: 50¢

Standardization
Data: None

Time to
Administer: 16 minutes

Answer Sheet
and Scoring: Answers marked on test sheet. Hand-score.

Test
Description: Illustrations of ten micrometers at various
settings are given. The task is to read the
setting of the micrometer and record it
accurately.

Test Title: CAN YOU READ A SCALE?

Author(s): C. H. Lawshe, Jr.

Publisher: University Book Store
360 State Street
West Lafayette, Indiana 47906

Copyright Date: 1943 Cost of Test Books: 25/\$2.50

Forms Available: One Specimen Set: 50¢

Standardization
Data: None

Time to
Administer: 4 minutes

Answer Sheet
and Scoring: Answers marked on test sheet. Hand-scored.

Test Des
Description: Twelve various machine parts--nut, bolt,
washer, etc.--are shown alongside machinists
scales or rules. The task is to read and
record the indicated dimension to a specified
tolerance.

Test Title: CAN YOU READ A WORKING DRAWING?

Author(s): C. H. Lawshe, Jr.

Publisher: University Book Store
360 State Street
West Lafayette, Indiana 47906

Copyright Date: 1943 Cost of Test Books: 25/\$2.50

Forms Available: One Specimen Set: 50¢

Standardization
Data: None

Time to
Administer: 10 minutes

Answer Sheet
and Scoring: Answers marked on test sheet. Hand-score.

Test
Description: Given: a working drawing, three dimensions of
a bracket support, with some dimensions. The
task is to supply 23 dimensions which are not
given on one view, but which must be read from
another of the three views.

Test Title: EXAMINATION IN MACHINE SHOP PRACTICE

Author(s):

Publisher: The University of the State of New York
The State Department of Education
Albany, New York 12224

Copyright Date: 1969, annual revision.

Cost of Test Books: User arranges
for
reproduction

Forms Available: One

Specimen Set:

Standardization
Data:

None. Examination is provided to vocational school as a sample examination. It may be modified by the local school in any way that the individual teacher wishes.

Time to
Administer:

3 hours.

Answer Sheet
and Scoring:

Separate answer and work sheets. Hand-score.

Test
Description:

70 four-choice multiple-choice items, 20 matching items in four sets, and 8 multi-part problems in Machine Shop Practice and Procedures.

Test Title: EXAMINATION IN MECHANICAL DESIGN AND CONSTRUCTION

Author(s):

Publisher: The University of the State of New York
The State Department of Education
Albany, New York 12224

Copyright Date: 1969, annual revision.

Cost of Test Books: User arranges
for
reproduction

Forms Available: One Specimen Set:

Standardization
Data: None. Examination is provided to vocational
school as a sample examination. It may be
modified by the local school in any way that
the individual teacher wishes.

Time to
Administer: 3 hours.

Answer Sheet
and Scoring: Separate answer sheet. Hand-score.

Test
Description: Part One includes 15 four-choice multiple-choice
items involving Calculation and Mechanical prin-
ciples, and 11 problems of which the student is
required to answer 6.
Part Two has a machine shop option and a metal-
lurgy option. The machine shop option includes
10 four-choice multiple-choice items and 6 prob-
lems of which the student is required to answer 5.
The metallurgy option has 25 four-choice multiple-
choice items and 2 problems of which the student
is required to answer one.

Test Title: THE FIESENHEISER TEST OF ABILITY TO READ
DRAWINGS

Author(s) Elmer I. Fiesenheiser

Publisher: Psychometric Affiliates
1743 Monterey
Chicago, Illinois 60643

Copyright Date: 1955 Cost of Test Books: 50/\$5

Forms Available: One Specimen Set: \$1

Standardization
Data: Percentile norms (N=136).
Validity: Correlation of test score with
number of semester of drawing equals .84.
Reliability: $r=.88$ (N=139, corrected split
half).

Time to
Administer: 30 minutes

Answer Sheet
and Scoring: Answer in test booklet. Hand-score.

Test
Description: 71 items, including three-choice, multiple-
choice, matching, short-answer, and drawing
from given figures. Scoring of drawings is
quite objective. Scoring of short-answer
definitions can be done only by a highly-
qualified individual. Test book format is
very crowded.

Title: GENERAL METALS

Publisher: The Instructional Objectives Exchange
P.O. Box 24095
Los Angeles, California 90024

Publication

Date: 1970

Cost: \$8.00

Description: This is NOT a standardized test. It is a list of instructional objectives with examples of measurement items suitable for measuring achievement of each objective.

This Collection contains 90 objectives and related evaluation items for general metals, grades seven through twelve. It is organized into the following categories: property of metals operations and functions, cutting and shearing, filing, cutting holes, grinding, forming metal, bending metal, metal spinning, threaded fasteners, soldering, riveting, sheet-metal seams, polishing and buffing, and decorating metal.

Test Title: MACHINE TRADE COMPETENCY EXAMINATION

Author(s):

Publisher: Department of Industrial Education
Eastern Michigan University
Ypsilanti, Michigan 48197

Copyright Date: 1969 Cost of Test Books: \$5, less in
large quantities

Forms Available: Item pool for assembly of forms on demand.
Specimen Set: \$5

Standardization
Data: Percentile norms, item analysis by administration
and cumulative.

Time to
Administer: Untimed.

Answer Sheet
and Scoring: Separate answer sheet. Central machine-scoring
service.

Test
Description: 300 four-choice multiple-choice items covering
Theory and Materials
Heat Treatment
Bench Operations
Grinding
Drilling
Turning
Milling
Shaping and Planing

Items are computer printout; there are no
illustrated items.

Test Title: MACHINE TRADES, OHIO TRADE AND INDUSTRIAL
EDUCATION TESTS

Author(s):

Publisher: Industrial Materials Laboratory
The Ohio State University
1885 Neil Avenue
Columbus, Ohio 43201

Copyright Date: 1960 Cost of Test Books: Inquire of
publisher

Forms Available: One Specimen Set:

Standardization
Data: Percentile norms for total and part scores.
Validity studies have been conducted.
Reliability: $r=.94$ (N=823 high school seniors,
KR 20).

Time to
Administer: 6 hours, two sessions.

Answer Sheet
and Scoring: Separate answer sheet. Centralized machine-
scoring service.

Test
Description: 172 multiple-choice items covering:

- Mathematics
- Layout
- Hand Tools
- Measuring
- Power Sawing
- Drilling
- Shaping
- Heat Treating
- Science
- Lathe Machining
- Milling
- Blueprint Reading
- Bench Grinding
- Surface Grinding
- Tool and Cutter Grinding
- Cylindrical Grinding
- Internal Grinding

NOTE: Restricted test, not available to individual teachers.
School officials may arrange for use.

Test Title: METALS, COOPERATIVE INDUSTRIAL ARTS TESTS

Author(s):

Publisher: Educational Testing Service
Princeton, New Jersey 08540

Copyright Date: 1969 Cost of Test Books: 20/\$7

Forms Available: Two Specimen Set: \$3 for series

Standardization
Data: Percentile norms
Validity: Content
Reliability: $r=.78$ (KR 20)

Time to
Administer: 35 minutes.

Answer Sheet
and Scoring: Separate answer sheet. Hand- or machine-score.

Test
Description: 50 four-choice multiple-choice items covering
Properties of Metals
Tools and Operations
Safety

More than 1/3 of the items are illustrated.

Test is designed for pupils in grades 7, 8, 9
who have completed a one-semester course in
Metals.

Test Title: PURDUE BLUEPRINT READING TEST

Author(s): H. F. Owen and J. N. Arnold

Publisher: University Book Store
360 State Street
Lafayette, Indiana 47906

Copyright Date: 1942 Cost of Test Books: 25/\$5.00

Forms Available: One Specimen Set: 50¢

Standardization
Data: Tentative percentile norms (N=104)

Time to Administer: 30 minutes

Answer Sheet and Scoring: Answer in test book. Hand score.

Test Description: 79 multiple-choice items, mostly four-choice. Covers terminology; selection of correct drawing, given another view; recognition of cross-section view; reading dimensions; etc. Many illustrated items.

Test Title: PURDUE TRADE INFORMATION TEST IN ENGINE LATHE OPERATIONS

Author(s): Robert Cochran and Joseph Tiffin

Publisher: University Book Store
360 State Street
West Lafayette, Indiana 47906

Copyright Date: 1955 Cost of Test Books: 25/\$5

Forms Available: One Specimen Set: 50¢

Standardization
Data: Percentile norms for journeyman machinists (N=115) and machine shop students (N=213).
Stepped-up split-half reliability: $r=.93$.
Tradesmen scored significantly higher than students.

Time to Administer: Untimed. 45 minutes adequate.

Answer Sheet and Scoring: Answer in test book. Hand-score.

Test Description: 74 multiple-choice items, mostly four-choice, with definitions and selection of correct practice predominating. Ten items involve reading dimensions from an engineering drawing.

Test Title: PURDUE TRADE INFORMATION TEST IN WELDING
(REVISED EDITION)

Author(s): Joseph Tiffin and Warren B. Griffin

Publisher: University Book Store
360 State Street
West Lafayette, Indiana 47906

Copyright Date: 1952 Cost of Test Books: 25/\$5

Forms Available: One Specimen Set: 50¢

Standardization
Data: Percentile norms (N=143 students).
Stepped-up split-half reliability: $r=.91$ (N=59).
Mean scores of 11 journeyman welders higher
than vocational students; significant at .01
level.

Time to
Administer: Untimed. 60-75 minutes adequate.

Answer Sheet
and Scoring: Answer in test book. Hand-score.

Test
Description: 70 four-choice multiple-choice items, including
coverage of general, gas, and electric arc
welding. Items are primarily definitions of
trade terms, with a few pictorial items.

Test Title: SHORT OCCUPATIONAL KNOWLEDGE TEST FOR
MACHINISTS

Author(s): Bruce A. Campbell and Suellen O. Johnson

Publisher: Science Research Associates
259 East Erie Street
Chicago, Illinois 60611

Copyright Date: 1969 Cost of Test Books: 20/\$4

Forms Available: One Specimen Set: \$2 (estimate)

Standardization
Data: Scores categorized as Fail, Unclassifiable,
or Pass.
Validity: 87.0% of subjects properly cate-
gorized as skilled or unskilled, with Unclassi-
fiable dropped out.
Reliability: $r=.74$ (N=53, KR 20).

Time to
Administer: Untimed; 15 minutes should be adequate.

Answer Sheet
and Scoring: Answers marked on test sheet. Scored by count-
ing marks in boxes on back of carbon inter-
leaved sheet.

Test
Description: 22 five-choice multiple-choice items covering
tools, shop practices, and materials.

Test Title: SHORT OCCUPATIONAL KNOWLEDGE TEST FOR TOOL
AND DIE MAKERS

Author(s): Bruce A. Campbell and Suellen O. Johnson

Publisher: Science Research Associates
259 East Erie Street
Chicago, Illinois 60611

Copyright Date: 1970 Cost of Test Books: 20/\$4

Forms Available: Two Specimen Set: \$2 (estimate)

Standardization
Data: Scores classified as Fail, Unclassifiable, or
Pass.
Validity: 88% of subjects correctly categor-
ized as qualified or unqualified, with "Un-
classifiable" dropped out. (N=172)
Reliability: $r=.92$ (pretest sample N=172, KR 20).
Alternate form correlations, $r=.89$ (N=172).

Time to
Administer: Untimed; 15 minutes should be adequate.

Answer Sheet
and Scoring: Answers marked on test sheet. Scored by count-
ing marks in boxes on back of carbon interleaved
sheet.

Test
Description: 20 five-choice multiple-choice items on Tool and
Die Terminology, Working Practices, Measuring
Instruments, and Materials.

Test Title: SHORT OCCUPATIONAL KNOWLEDGE TEST FOR WELDERS

Author(s): Bruce A. Campbell and Suellen O. Johnson

Publisher: Science Research Associates
259 East Erie Street
Chicago, Illinois 60611

Copyright Date: 1969 Cost of Test Books: 20/\$4

Forms Available: One Specimen Set: \$2 (estimate)

Standardization
Data: Scores categorized as Fail, Unclassifiable, or Pass.
Validity: 86.2% of subjects properly categorized as skilled or unskilled (N=167), with Unclassifiable dropped out.
Reliability: $r=.73$ (N=169, KR 20).

Time to Administer: Untimed; 15 minutes should be adequate.

Answer Sheet and Scoring: Answers marked on test sheet. Scored by counting marks in boxes on back of carbon interleaved sheet.

Test Description: 20 five-choice multiple-choice items covering welding trade practices, materials, and procedures.

OFFICE OCCUPATIONS

Test Title: ACHIEVEMENT TEST FOR DATA PROCESSING TECHNOLOGY -
BUSINESS

Author(s):

Publisher: For information, consult:
Dr. Thomas S. Baldwin
School of Education
University of North Carolina
Chapel Hill, North Carolina 27514

Copyright Date: 1968 Cost of Test Books:

Forms Available: One Specimen Set:

Standardization
Data: Percentile and standard score norms (N=73).
Reliability: $r=.92$ (KR 14).

Time to
Administer: 4 hours.

Answer Sheet
and Scoring: Separate answer sheet. Hand- or machine-score.

Test
Description: 250 four-choice multiple-choice items covering

Data Processing Systems Fundamentals
Programming Language Applications
COBOL
Statistics
Mathematics
Accounting-General
Accounting-Cost

Many illustrations. This test is designed for
junior college/technical institute level.

NOTE: This test was developed under a USOE grant. As of
April 1971, arrangements for publication and distribution
had not been completed.

Test Title: ACHIEVEMENT TEST FOR DATA PROCESSING TECHNOLOGY -
SCIENTIFIC

Author(s):

Publisher: For information, consult:
Dr. Thomas S. Baldwin
School of Education
University of North Carolina
Chapel Hill, North Carolina 27514

Copyright Date: 1968 Cost of Test Books:

Forms Available: One Specimen Set:

Standardization

Data: Percentile and standard score norms (N=73).
Reliability: $r=.95$ (KR 14).

Time to
Administer: 4 hours.

Answer Sheet
and Scoring: Separate answer sheet. Hand- or machine-score.

Test
Description: 235 four-choice multiple-choice items covering
Data Processing Systems Fundamentals
Programming Language Applications
FORTRAN
Statistics
Mathematics
Accounting-General

Many illustrations. This test is designed for
junior college/technical institute level.

NOTE: This test was developed under a USOE grant. As of
April 1971, arrangements for publication and distribution
had not been completed.

Title: BOOKKEEPING

Publisher: The Instructional Objectives Exchange
P.O. Box 24095
Los Angeles, California 90024

Publication
Date: 1970 Cost: \$8.00

Description: This is NOT a standardized test. It is a list of instructional objectives with examples of measurement items suitable for measuring achievement of each objective.

This Collection contains 17 objectives and related evaluation items for Bookkeeping, grades ten through twelve. Both the behavior and the content of each objective have been carefully selected so that the student is required to master the basic procedures and concepts which are fundamental to bookkeeping.

Test Title: BOOKKEEPING ACHIEVEMENT TEST - First Semester

Author(s): The Psychological Corporation

Publisher: Gregg Division, McGraw-Hill Book Company
Hightstown, New Jersey 08520

Copyright Date: 1967 Cost of Test Books: 30/\$5.50

Forms Available: Two Specimen Set: \$1.00

Standardization
Data: Percentile norms (N=2245).
Validity assumed by comparison with widely used textbooks.
Reliability: $r=.89$ (N=400, split-half method corrected by Spearman-Brown formula).

Time to Administer: 35 minutes

Answer Sheet and Scoring: Answer in test book. Hand-score.

Test Description: 65 four-choice multiple-choice items covering general information, analyzing transactions, journalizing and posting, trial balance and worksheet, closing entries, banking and handling cash, and purchases and sales.

Test Title: BOOKKEEPING ACHIEVEMENT TEST - FIRST YEAR

Author(s): The Psychological Corporation

Publisher: Gregg Division, McGraw-Hill Book Company
Hightstown, New Jersey 08520

Copyright Date: 1967 Cost of Test Books: 30/\$5.50

Forms Available: Two Specimen Set: \$1.00

Standardization
Data: Percentile norms (N=2073).
Validity assumed by comparison with widely
used textbooks.
Reliability: $r=.92$ (N=400, split-half method
corrected by Spearman-Brown formula).

Time to
Administer: 35 minutes

Answer Sheet
and Scoring: Answer in test book. Hand-score.

Test
Description: 64 four- and five-choice multiple-choice items
covering

General Information
Allocation of Transactions
Proper Journals and Accounts
Adjusting Work Sheet
Debits and Credits to Accounts

Test Title: BOOKKEEPING, MINNESOTA HIGH SCHOOL ACHIEVEMENT EXAMINATIONS

Author(s): V. L. Lohmann, Editor

Publisher: American Guidance Service
Publishers' Building
Circle Pines, Minnesota 55014

Copyright Date: 1970 Cost of Test Books: 12¢

Forms Available: One; frequent revision.

Specimen Set: \$1.10

Standardization

Data: Percentile norms (N=1893 Minnesota high school students). Content coordinated with Minnesota curriculum.

Time to Administer: 1 hour

Answer Sheet and Scoring: Answer in test book. Hand-score.

Test Description: 117 five-choice multiple-choice items included in 13 areas:

1. General Principles
2. Statements
3. Adjusting and Closing Entries
4. Special Journals and Subsidiary Ledgers
5. Problems Related to Sales and Purchases
6. Payrolls and Taxes
7. Depreciation
8. Bad Debts
9. Notes and Interest
10. Accrued Expenses and Income
11. Partnership, Corporations, Cooperatives
12. Banking Services
13. Problems

Test Title: BOOKKEEPING TEST, NATIONAL BUSINESS ENTRANCE TESTS

Author(s):

Publisher: National Business Education Association
1201 16th Street, N.W.
Washington, D. C. 20036

Copyright Date: 1955, Revised 1964

Cost of Test Books: 50¢

Forms Available: One for purchase; two restricted to secure testing program.

Specimen Set: \$4 for series

Standardization
Data: Percentile norms available.

Time to
Administer: 2 hours

Answer Sheet
and Scoring: Answer in test book. Hand-score. Elaborate scoring rules provided.

Test
Description: This is a work-sample test with 240 scorable points. It includes Profit and Loss Statement, Journals, Checkbook Balancing, and Balance Sheet.

Test Title: BUSINESS FUNDAMENTALS AND GENERAL INFORMATION
TEST, NATIONAL BUSINESS ENTRANCE TESTS

Author(s):

Publisher: National Business Education Association
1201 16th Street, N.W.
Washington, D. C. 20036

Copyright Date: 1955, Revised 1964

Cost of Test Books: 50¢

Forms Available: One for purchase; two restricted to secure
testing program.

Specimen Set: \$4 for series

Standardization
Data: Percentile norms available

Time to
Administer: 45 minutes

Answer Sheet
and Scoring: Separate answer sheet; hand-score.

Test
Description: 100 three- and four-choice multiple-choice
items covering Spelling, Plurals, Grammar,
Expression, Judgment, Arithmetic, Knowledge of
Everyday Affairs, and Memory.

Title: BUSINESS LAW

Publisher: The Instructional Objectives Exchange
P.O. Box 24095
Los Angeles, California 90024

Publication
Date: 1970 Cost: \$8.00

Description: This is NOT a standardized test. It is a list of instructional objectives with examples of measurement items suitable for measuring achievement of each objective.

This Collection contains 37 objectives and related evaluation items for Business Law, grades 10-12. It is organized into the following categories: Foundations of Law; Law of Contracts, Property, Negotiable Instruments; Business Relations and Business Organizations, and Vocabulary.

Test Title: THE COLLEGE ACCOUNTING TESTING PROGRAM:
ACHIEVEMENT TEST, LEVEL I

Author(s):

Publisher: American Institute of Certified Public
Accountants Testing Project Office
The Psychological Corporation
304 E. 45th Street
New York, New York 10017

Copyright Date: 1965/71 Cost of Test Books: 75¢ rental

Forms Available: Several Specimen Set:

Standardization
Data: Percentile norms for several levels of education
and experience.

Time to
Administer: 50 minutes or 2 hours.

Answer Sheet
and Scoring: Separate answer sheet. Central machine-scoring
and reporting service.

Test
Description: 50-minute version has 45 five-choice multiple-
choice items; 2-hour version has 60 five-choice
multiple-choice items. The tests cover the
typical first year of college accounting study,
emphasizing understanding of financial and
managerial accounting concepts rather than book-
keeping. Similar tests are offered in a Pro-
fessional Accounting Testing Program, a service
offered to accounting firms and to business,
industrial, and governmental organizations.

Test Title: THE COLLEGE ACCOUNTING TESTING PROGRAM:
ACHIEVEMENT TEST, LEVEL II

Author(s):

Publisher: American Institute of Certified Public
Accountants Testing Project Office
The Psychological Corporation
304 E. 45th Street
New York, New York 10017

Copyright Date: 1965/71 Cost of Test Books: 75¢ rental

Forms Available: Several Specimen Set:

Standardization
Data: Percentile norms for several levels of education
and experience.

Time to
Administer: 50 minutes or 2 hours.

Answer Sheet
and Scoring: Separate answer sheet. Central machine-scoring
and reporting service.

Test
Description: 50-minute version has 50 four-choice multiple-
choice items; 2-hour version has 100 four-choice
multiple-choice items. The tests measure
knowledge of Accounting near the end of an under-
graduate program with a major in Accounting
covering

Managerial Accounting
Auditing
Statistical Sampling
Operational Research
Systems
Electronic Data Processing

Test Title: COMMERCIAL EDUCATION SURVEY TEST: JUNIOR
SHORTHAND

Author(s): Edith V. Bisbee

Publisher: Bobbs-Merrill Company
1720 East 38th Street
Indianapolis, Indiana

Copyright Date: 1933 Cost of Test Books: 11¢

Forms Available: One Specimen Set: 40¢

Standardization
Data: Quartile norms.

Time to
Administer: Untimed and paced dictation.

Answer Sheet
and Scoring: Answer in test book. Hand score.
Scoring is rather subjective. Must be done by
subject matter expert.

Test
Description: Three subtests:
1. Writing of given sentences in shorthand
2. Taking shorthand notes of two dictated
letters; transcribing the notes after a time
interval
3. Spelling - dictated sentences

Test Title: COMMERCIAL EDUCATION SURVEY TESTS: SENIOR
SHORTHAND

Author(s): Edith V. Bisbee

Publisher: Bobbs-Merrill Company
1720 East 38th Street
Indianapolis, Indiana

Copyright Date: 1933 Cost of Test Books: 11¢

Forms Available: One Specimen Set: 40¢

Standardization
Data: Quartile norms

Time to
Administer: Untimed and paced dictation.

Answer Sheet
and Scoring Answer in test book. Hand score.
Scoring is rather subjective. Must be done
by subject matter expert.

Test
Description: Three subtests:

1. Writing of given sentences in shorthand
2. Taking shorthand notes of three dictated letters; transcribing and typing the letters after a time interval
3. Spelling - dictated sentences

Test Title: COMPUTERS AND DATA PROCESSING

Author(s):

Publisher: College Level Examination Program
College Entrance Examination Board
Box 592
Princeton, New Jersey 08540

Copyright Date: 1968 Cost of Test Books: Fee to take
test, \$15*

Forms Available: One Specimen Set: Free loan to
college officials

Standardization

Data: Standard scores and percentile norms.
Reliability: $r=.88$ (KR 20).
Validity: correlation with course grade, $r=.46$

Time to Administer: 90 minutes.

Answer Sheet and Scoring: Separate answer sheet; machine-scored; central
scoring and reporting service.

Test Description: 100 five-choice multiple-choice items covering

Punched Card Equipment and Processing
Methods
Computer Equipment and Functions
Data Representation and Central Processer
Functions
File Organization and Processing
Data Processing System Design
Elements of Computer Programming
Program Modification and Input-Output
Programming
Program De-bugging
Control of Errors in Data Processing
Management of the Data Processing Function

NOTE: A "Brief Test" version available. Time to administer: 45
minutes; test rental fee: 75¢; local hand- or machine-score.

*\$5.00 per student when administered by college.

Test Title: EVERY PUPIL ACHIEVEMENT TEST: TYPEWRITING I

Author(s): Richard F. Reicherter

Publisher: Bureau of Educational Measurements
Kansas State Teachers College
Emporia, Kansas 66801

Copyright Date: 1968, 1969, 1970 Cost of Test Books: 10¢

Forms Available: Four Specimen Set: 10¢

Standardization
Data: Quartile norms.
Validity: test is a work sample with inherent validity.

Time to Administer: 42 minutes

Answer Sheet and Scoring: Typed on blank paper. Hand-score.

Test Description: Part 1: Straight Copying, 4 minutes, 24 points
Part 2: Rough Draft, 10 minutes, 21 points
Part 3: Business Letter, 18 minutes, 40 points
Part 4: Vertical and Horizontal Centering, 10 minutes, 15 points

Test Title: EVERY PUPIL ACHIEVEMENT TEST: TYPEWRITING II

Author(s): Richard F. Reicherter

Publisher: Bureau of Educational Measurements
Kansas State Teachers College
Emporia, Kansas 66801

Copyright Date: 1968, 1969, 1970 Cost of Test Books: 10¢

Forms Available: Four Specimen Set: 10¢

Standardization

Data: Quartile norms.

Validity: this is a work-sample test with
inherent validity.

Time to

Administer: 40 minutes

Answer Sheet
and Scoring:

Typed on blank paper. Hand-score.

Test Description
Description:

Part 1: Typing from Rough Draft, 12 minutes,
40 points

Part 2: Typing Business Letter, 8 minutes,
35 points

Part 3: Tabulation, 12 minutes, 30 points

Part 4: Typing Business Letter, 8 minutes,
35 points

Title: GENERAL BUSINESS

Publisher: The Instructional Objectives Exchange
P.O. Box 24095
Los Angeles, California 90024

Publication

Date: 1970

Cost: \$8.00

Description: This is NOT a standardized test. It is a list of instructional objectives with examples of measurement items suitable for measuring achievement of each objective.

The General Business Collection contains 35 objectives and related evaluation items for grades ten through twelve. It includes objectives in money and banking, consumer buying and credit, economic risks (insurance), and money management, communication and transportation, sales and merchandizing. Also included is a special section of business mathematics objectives, some of which may also be found in the General Mathematics Collection, grades ten through twelve. They are included in the General Business Collection due to the nature of their content similarity and general relevance to the objectives in this Collection.

Test Title: GENERAL BUSINESS ACHIEVEMENT TEST

Author(s): The Psychological Corporation

Publisher: Gregg Division, McGraw-Hill Book Company
Hightstown, New Jersey 08520

Copyright Date: 1967 Cost of Test Books: 30/\$5.50

Forms Available: Two Specimen Set: \$1.00

Standardization
Data: Percentile norms (N=1967 high school students completing one year general business course). Validity assumed on basis of content parallel to usual textbooks.
Reliability: $r=.86$ (N=400, split-half method corrected by Spearman-Brown formula).

Time to Administer: 35 minutes

Answer Sheet and Scoring: Answer in test book. Hand-score.

Test Description: 60 four-choice multiple-choice items covering the topics:

- American Business System
- Money and Banking Services
- Consumer Buying and Credit
- Savings and Investment
- Budgets and Record Keeping
- Insurance
- Transportation and Communication Services
- Labor Management
- Government Activities
- Occupational Planning

Test Title: GENERAL OFFICE CLERICAL TEST (INCLUDING FILING),
NATIONAL BUSINESS ENTRANCE TESTS

Author(s):

Publisher: National Business Education Association
1201 16th Street, N.W.
Washington, D. C. 20036

Copyright Date: 1955, Revised 1964

Cost of Test Books: 50¢

Forms Available: One for purchase; two restricted to secure
testing program.

Specimen Set: \$4 for series

Standardization

Data: Percentile norms available.

Time to

Administer: 2 hours

Answer Sheet
and Scoring:

Answer in test book. Hand-score. Elaborate
scoring rules provided.

Test

Description:

This is a work-sample test with 240 scorable
points. Tasks include Alphabetic and Numeric
Comparison, Spelling, Preparing Stock Record
Cards, Recording Numerous Transactions, Index-
ing and Arranging, and Writing Various Business
Documents.

Test Title: MACHINE CALCULATION TEST, NATIONAL BUSINESS
ENTRANCE TESTS

Author(s):

Publisher: National Business Education Association
1201 16th Street, N.W.
Washington, D. C. 20036

Copyright Date: 1955, Revised 1964.

Cost of Test Books: 50¢

Forms Available: One for purchase; two restricted to secure
testing program.

Specimen Set: \$4 for series

Standardization

Data: Percentile norms available.

Time to

Administer: 2 hours

Answer Sheet
and Scoring:

Answer in test book. Hand-score.

Test

Description:

This is a work-sample test with 240 scorable points. All tasks require use of a calculating machine. Tasks include Invoices, Time Cards, Summaries of Sales, Inventory Reports, Statistical Reports, Discounts and Net Amounts, and Mark-up of Invoice.

Test Title: MONEY AND BANKING

Author(s):

Publisher: College Level Examination Program
College Entrance Examination Board
Box 592
Princeton, New Jersey 08540

Copyright Date: 1967 Cost of Test Books: Fee to take test, \$15*

Forms Available: 2 Specimen Set: Free loan to college officials

Standardization
Data: Standard scores and percentile norms.
Reliability: $r=.85$ (KR 20)
Validity: correlation with course grade, $r=.35$.

Time to Administer: 90 minutes.

Answer Sheet and Scoring: Separate answer sheet; machine-scored; central scoring and reporting service.

Test Description: 100 five-choice multiple-choice items covering
Money and the Mechanism by which it is Supplied
Commercial Banking
Monetary Theory
Implementation of Monetary Policy
International Monetary Relations
Problems in Monetary Policy

NOTE: A "Brief Test" version available. Time to administer: 45 minutes; test rental fee: 75¢; local hand- or machine-score.

*\$5.00 per student when administered by college.

Test Title: PRI TEST OF SHORTHAND SKILLS

Author(s): Jay L. Otis and Harry Laurent

Publisher: Personnel Research Institute
Psychological Research Services
Case Western Reserve University
11105 Euclid Avenue
Cleveland, Ohio 44100

Copyright Date: 1951 Cost of Test Books: 15¢

Forms Available: 2 Specimen Set: \$1.00

Standardization

Data: Decile norms (speed and accuracy) for employed stenographers and advanced students.
Validity: r's with final grades in .50 range.
Reliability: r=approximately .80 for accuracy score, lower for time score.

Time to Administer: Approximately 20 minutes.

Answer Sheet and Scoring: Answer in test book; hand-score.

Test

Description: The test consists of two 11" x 15" sheets with carbon interleaf. The top sheet has a printed business letter which the examinee is required to transliterate in any shorthand system. Parts of the original letter are printed on the bottom sheet, with 60 words left blank for the examinee to fill in from her own shorthand notes. Scoring is for time to transliterate, and accuracy of transcription.

Test Title: RUSSELL-SANDERS BOOKKEEPING TEST

Author(s): Raymond B. Russell and M. W. Sanders

Publisher: Bureau of Educational Measurements
Kansas State Teachers College
Emporia, Kansas 66802

Copyright Date: 1964 Cost of Test Books: 25/\$1.75

Forms Available: Four Specimen Set: 75¢

Standardization
Data: Percentile norms for first-year bookkeeping students (N=more than 2000).
Validity inferred from correspondence of content with several leading textbooks and courses of study.
Reliabilities range from .88 to .91 with N's of over 2000 (corrected split-half).

Time to Administer: 40 minutes

Answer Sheet and Scoring: Answer in test book. Hand-score.

Test Description: Four forms are not parallel in content or item type, but overall include true-false, matching, four-choice multiple-choice items. The number of items varies from 90 to 110; the tests cover Journalizing of Business Transactions, Classification of Accounts, Adjusting and Closing Entries, and Practical Problems.

Title: SECRETARIAL SKILLS

Publisher: The Instructional Objectives Exchange
P.O. Box 24095
Los Angeles, California 90024

Publication Date: 1970 Cost: \$8.00

Description: This is NOT a standardized test. It is a list of instructional objectives with examples of measurement items suitable for measuring achievement of each objective.

This Secretarial Skills Collection is composed of 47 objectives and related evaluation items and is part of a series of Collections designed for Business Education grades ten through twelve. It is organized into the following categories: typing, shorthand, office machines, office practice, and business English and communication.

Test Title: SHORT OCCUPATIONAL KNOWLEDGE TEST FOR BOOKKEEPERS

Author(s): Bruce A. Campbell and Suellen O. Johnson

Publisher: Science Research Associates
259 East Erie Street
Chicago, Illinois 60611

Copyright Date: 1970 Cost of Test Books: 20/\$4

Forms Available: One Specimen Set: \$2 (estimate)

Standardization
Data: Scores classified as Fail, Unclassifiable, or Pass.
Validity: 83% properly categorized as qualified and unqualified, with "Unclassifiable" dropped out. (N=184)
Reliability: $r=.92$ (pretest sample N=184, KR 20).

Time to Administer: Untimed; 15 minutes should be adequate.

Answer Sheet and Scoring: Answers marked on test sheet. Scored by counting marks in boxes on back of carbon interleaved sheet.

Test Description: 20 five-choice multiple-choice items on book-keeping practices.

Test Title: SHORT OCCUPATIONAL KNOWLEDGE TEST FOR OFFICE
MACHINE OPERATORS

Author(s): Bruce A. Campbell and Suellen O. Johnson

Publisher: Science Research Associates
259 East Erie Street
Chicago, Illinois 60611

Copyright Date: 1970 Cost of Test Books: 20/\$4

Forms Available: One Specimen Set: \$2 (estimate)

Standardization
Data: Scores classified as Fail, Unclassifiable, or
Pass.
Validity: 73% of 218 pretest subjects correctly
categorized as qualified or unqualified, with
"Unclassifiable" dropped out.
Reliability: $r=.60$ (pretest sample $N=218$, KR 20).

Time to
Administer: Untimed; 15 minutes should be adequate.

Answer Sheet
and Scoring: Answers marked on test sheet. Scored by count-
ing marks in boxes on back of carbon interleaved
sheet.

Test
Description: 20 five-choice multiple-choice items on operation
and use of various office machines, including
Adding Machines, Typewriter, Calculator, Key punch,
and Duplicating Machines.

Test Title: SHORT OCCUPATIONAL KNOWLEDGE TEST FOR SECRETARIES

Author(s): Bruce A. Campbell and Suellen O. Johnson

Publisher: Science Research Associates
259 E. Erie Street
Chicago, Illinois 60611

Copyright Date: 1969 Cost of Test Books: 20/\$4

Forms Available: One Specimen Set: \$2 per series

Standardization Data: Scores categorized as Fail, Unclassifiable, or Pass.
Validity: 95.5% qualified and unqualified subjects properly categorized with Unclassifiable dropped out.
Reliability: $r=.73$ (N=83, KR 20).

Time to Administer: Untimed; 15 minutes usually adequate.

Answer Sheet and Scoring: Answers marked on test sheet. Test scored by counting marks in boxes on back of carbon interleaved sheet.

Test Description: 20 five-choice multiple-choice items covering office practices and terminology.

Test Title: SHORTHAND TEST

Author(s): J. H. Norman

Publisher: Personnel Research Associates
P.O. Box 2994
Dallas, Texas 75221

Copyright Date: 1960 Cost of Test Books: 20/\$8

Forms Available: 2

Standardization
Data: Percentile norms (N=376).

Time to
Administer: Approximately 5 minutes for dictation;
15 minutes allowed for transcription of the
two best letters.

Answer Sheet
and Scoring: Hand-scored by counting errors in typed copy.

Test
Description: Five short letters dictated at speeds from 50
words per minute to 120 words per minute.
The dictation for Form A is also available on
a 33 1/3 RPM record.

Test Title: STENOGRAPHIC TEST, NATIONAL BUSINESS ENTRANCE TESTS

Author(s):

Publisher: National Business Education Association
1201 16th Street, N.W.
Washington, D. C. 20036

Copyright Date: 1955, Revised 1964

Cost of Test Books: 50¢

Forms Available: One for purchase; two restricted to secure testing program.

Specimen Set: \$4 for series

Standardization
Data: Percentile norms available.

Time to Administer: 2 hours

Answer Sheet and Scoring: Type dictated material on letterhead and other paper provided. Hand-score. Elaborate scoring rules provided.

Test Description: This is a work-sample test with 180 scorable points. 30 minutes of dictation of various letters and memoranda is followed by a period of ninety minutes for transcription.

Test Title: STUDENTS TYPEWRITING TESTS

Author(s): Ruthetta Krause

Publisher: National Business Education Association
1201 Sixteenth Street, N.W.
Washington, D. C. 20036

Copyright Date: 1958 Cost of Test Books: 10/50¢ to \$1
depending on
quantity

Forms Available: One Specimen Set: \$2

Standardization
Data: Percentile norms.
Validity: these are work-sample tests yielding
scores in speed and accuracy.

Time to
Administer: 35 minutes

Answer Sheet
and Scoring: Typed responses are hand-scored.

Test
Description: Four tests, each covering one semester of
typing instruction:

Test 1 includes Timed Writing, Theme Writing
(copying from manuscript), Centering, and
Letter-Writing.

Test 2 includes Time Writing, Business Letter
with Correction, Tabulation, and Manuscript.

Test 3 includes Timed Writing, Business Letter
with Tabulation, Business Forms, and Rough
Draft Manuscript.

Test 4 includes Timed Writing, Index Cards,
Form Letters, Rough Draft Memorandum with
Tabulation.

NOTE: Certificates and pins are available for students who
achieve at specified levels.

Test Title: SURVEY OF CLERICAL SKILLS

Author(s): J. H. Norman

Publisher: Personnel Research Associates
P. O. Box 2994
Dallas, Texas 75221

Copyright Date: 1959 Cost of Test Books: \$1.40

Forms Available: One Specimen Set: \$4.45

Standardization
Data: Percentile scores (N=2176).
Validity: correlation of part scores with
rated on-the-job performance varied from a
low of .23 for office mathematics to a high
of .61 for office terms (N=21).
Reliability of subtests ranges from a low of
.875 for filing to a high of .943 for spelling
(test retest reliability, N=26).

Time to
Administer: 40 minutes

Answer Sheet
and Scoring: Separate answer sheet. Hand-score.

Test
Description: 150 short-answer items yielding separate scores
for 40 items in spelling, 20 items in office
mathematics, 25 items office terms, 25 items in
filing, and 40 items in grammar.

Test Title: TWENTIETH CENTURY BOOKKEEPING AND ACCOUNTING
ADVANCED COURSE BOOKKEEPING TESTS

Author(s):

Publisher: South-Western Publishing Company
5101 Madison Road
Cincinnati, Ohio 45227

Copyright Date: 1968 Cost of Test Books: 2¢

Forms Available: One, frequent revision

Specimen Set: 18¢

Standardization
Data: Percentile norms (Ns range from 300 to 2500).
Validity: the tests are planned to correlate
with the advanced course of Twentieth Century
Bookkeeping and Accounting, 23rd edition.

Time to
Administer: Untimed; one class period

Answer Sheet
and Scoring: Answer in test book. Hand-score.

Test
Description: 100-item tests including multiple-choice, com-
pletion, and matching items.

Test 9, Chapters I - V, covers The Bookkeeping
Cycle in Review and Departmental and Payroll
Accounting.

Test 10, Chapters VI - IX deals with Accounting
for Adjustments.

Test 11, Chapters XI - XII is on Partnership
Accounting.

Test 12, Chapters XIII - XV, covers Control
Accounting.

Test 13, Chapters XVI - XVIII, covers Notes,
Drafts, and Taxes.

Test 14, Chapters XIX - XXIV, includes Corpora-
tion Accounting and Automation Applied to
Selected Accounting Procedures.

Test 15, Chapters XXV - XXVII, is on Cost
Accounting.

Test 16, Chapters XXVIII - XXX, deals with
Special Problems of Sales Accounting.

Test Title: TWENTIETH CENTURY BOOKKEEPING AND ACCOUNTING:
BOOKKEEPING TESTS, FIRST YEAR

Author(s):

Publisher: South-Western Publishing Company
5101 Madison Road
Cincinnati, Ohio 45227

Copyright Date: 1967 Cost of Test Books: 2¢ each

Forms Available: One, frequent revision

Specimen Set: 18¢

Standardization

Data: Percentile norms (N=3500).
Validity: tests are planned to correlate with
the elementary and first-year courses of
Twentieth Century Bookkeeping and Accounting,
23rd edition.

Time to Administer: Untimed; one class period.

Answer Sheet and Scoring: Answer in test book. Hand-score.

Test Description: There are eight 100-item tests. Items are
short-answer, completion, and matching types.

Test 1, covering Chapters I - VI, includes
Opening Accounts, Journalizing, and Posting.

Test 2, on Chapters VII - XI, covers Ledgers,
Worksheet, and Financial Statements.

Test 3, over Chapters XII - XVII, covers
Special Journals, Subsidiary Ledgers, and
Bank Services.

Test 4, covers Practice Set No. 1.

Test 5, Chapters XVIII - XX, deals with Work
at the End of a Fiscal Period.

Test 6, Chapters XXI - XXVI, covers Recording
Special Bookkeeping Transactions and Automated
Data Processing.

Test 7, Chapters XXVII - XXX, covers Fixed
Asset Problems, Uncollectable Accounts, and Use
of the Cash Register.

Test 8, Chapters XXXI - XXXIII, covers Columnar
Journals, Notes and Interest, and Accrued Income
and Expenses.

Test Title: TYPEWRITING ACHIEVEMENT TEST - 1st Year

Author(s): Psychological Corporation

Publisher: Gregg Division, McGraw-Hill Book Company
Hightstown, New Jersey 08520

Copyright Date: 1967 Cost of Test Books: 30/\$8.50

Forms Available: Two Specimen Set: \$1.00

Standardization
Data: Percentile norms (N=1696 first-year typing students).
Validity: inherent validity of a work-sample test which emphasizes skills taught in first-year typing.
Reliability for total production tests: $r=.88$ (N=296).
Reliabilities for subtests vary from .50 for straight copy accuracy to .93 for straight copy speed.
Reliability is based on test-retest technique.

Time to
Administer: 51 minutes testing time.

Answer Sheet
and Scoring: Type-on paper and letterhead provided. Hand-score.

Test
Description: Part 1: Basic Information. 60 four-choice multiple-choice items on general typing practices.
Part 2: Straight copy typing yielding speed score and accuracy score.
Part 3: Business Letter Typing.
Part 4: Revised Manuscript Typing.
Part 5: Tabulation Typing.

Test Title: TYPEWRITING ACHIEVEMENT TEST - 2nd Year

Author(s): The Psychological Corporation

Publisher: Gregg Division, McGraw-Hill Book Company
Hightstown, New Jersey 08520

Copyright Date: 1967 Cost of Test Books: 30/\$8.50

Forms Available: Two Specimen Set: \$1.00

Standardization

Data: Percentile norms.

Validity: this is a work-sample test; tasks are typical of the kind a typist may be expected to encounter.

Reliabilities of test sections vary from .71 to .90. Reliability of combined sections two through five equals .93.

Time to

Administer: 49 minutes

Answer Sheet
and Scoring:

Typed-on paper and letterhead provided.
Hand-score.

Test

Description:

- Part 1: straight-copy typing, 2 minutes warm-up, plus 5 minutes test
- Part 2: invoice typing, 10 minutes
- Part 3: tabulation typing, 10 minutes
- Part 4: form-letter typing, 2 minutes warm-up, plus 10 minutes
- Part 5: revised manuscript typing, 10 minutes

Test Title: TYPEWRITING TEST, NATIONAL BUSINESS ENTRANCE TESTS

Author(s):

Publisher: National Business Education Association
1201 16th Street, N.W.
Washington, D. C. 20036

Copyright Date: 1955, Revised 1964

Cost of Test Books: 50¢

Forms Available: One for purchase; two restricted to secure testing program.

Specimen Set: \$4 for series

Standardization

Data: Percentile norms available.

Time to

Administer: 2 hours

Answer Sheet
and Scoring:

Type on letterheads and other materials provided. Hand-score.

Test

Description:

This is a work-sample test with 240 scorable points. Tasks include Typing Letters, Inter-office Memoranda, Copying Form Letter, Preparing Invoice, Tabulation, and Typing from Corrected Manuscript.

Test Title: TYPING SKILLS TEST

Author(s): Marion W. Richardson and Ruth A. Pedersen

Publisher: Science Research Associates
259 East Erie Street
Chicago, Illinois

Copyright Date: 1947 Cost of Test Books: 25/\$4.80

Forms Available: Two Specimen Set: \$1.10

Standardization
data: None; job sample test with inherent validity

Time to
Administer: 15 minutes, including practice.

Answer Sheet
and Scoring: Test is typed on answer sheet. Hand-scored
to yield speed and accuracy scores.

Test
Description: This is a performance test, a job sample of
production typing. The task is to type a 225-
word business letter as often as possible in
the 10-minute test period.

Test Title: TYPING TEST

Author(s): J. H. Norman

Publisher: Personnel Research Associates
P.O. Box 2994
Dallas, Texas 75221

Copyright Date: 1959 Cost of Test Books: 20/\$8

Forms Available: 2 Specimen Set: 50¢

Standardization
Data: Percentile norms.

Time to
Administer: 5 minutes

Answer Sheet
and Scoring: Hand-score typed product.

Test
Description: Short practice exercise, familiarization with
typewriter, followed by five-minute timed
typing of typed text.

Test Title: TYPING TEST FOR BUSINESS

Author(s): Jerome E. Doppelt, Arthur D. Hartman, and Faye B. Krawchick

Publisher: The Psychological Corporation
304 East 45th Street
New York, New York 10017

Copyright Date: 1967 Cost of Test Books: 25/\$14.75

Forms Available: 2 Specimen Set: \$2

Standardization Data: Percentile norms for employed and entry level typists.
Validity: This is a work-sample test with inherent validity.
Reliability: Straight-Copy speed: $r=.87$
Straight-Copy accuracy: $r=.72$
Letters: $r=.87$
Revised Manuscript: $r=.82$
Numbers: $r=.77$
Tables: $r=.67$ (N=125, test-retest.)

Time to Administer: 40 minutes

Answer Sheet and Scoring: Typing paper and letterhead provided. Hand-score. Extensive rules for scoring included.

Test Description: Two-minute practice copy exercise to be administered before using any other parts of the test.
Five independent test units:

1. Straight copy: five-minute timed typing task.
2. Letters: three business letters, one brief, one moderate length, one full-length. Ten minutes.
3. Revised manuscript: requires production of correct copy from a rough draft containing commonly used revision marks.
4. Numbers unit: three-minute test designed to measure facility in typing numbers in relatively pure form. Typist is required to type consecutive lines of four-digit numbers.
5. Tables: ten-minute unit requiring the typist to set up four open tables from handwritten copy. Tables are arranged in ascending order of complexity and difficulty.

OTHER

Test Title: CHEMICAL OPERATORS SELECTION TEST

Author(s): M. A. Storr, J. H. McPherson, P. A. Maschino,
R. G. Garner, and J. I. Wegener

Publisher: Dow Chemical Company, Midland,
Midland, Michigan 48640

Copyright Date: 1958 Cost of Test Books: 30¢ each
(estimate)

Forms Available: Two Specimen Set:

Standardization
Data: Percentile norms for various groups of chemical
operators and job applicants.
Validity: rank order correlation between super-
visor rating and test score = .65 (N=10).
Mean scores of operators and supervisors sig-
nificantly higher than scores of applicants and
high school students.

Time to
Administer: Untimed; 1 hour should be sufficient.

Answer Sheet
and Scoring: Separate answer sheet. Hand-score.

Test
Description: Part 1: 20 three- and four-choice multiple-
choice items on Physical Principles.
~~Part 2: 20 five-choice multiple-choice items~~
on Reading Chemical Tables.
Part 3: 10 five-choice multiple-choice items
on Reading a Multicurve Graph.
Part 4: 5 four-choice multiple-choice items
on Judgment and Performance in a Given
Situation.
Part 5: 10 short-answer items requiring the
following of a diagram depicting the flow of
material through a process and determining
which valves to open or close to obtain cer-
tain specified results.

Test Title: COSMETOLOGY, OHIO TRADE AND INDUSTRIAL EDUCATION TESTS

Author(s):

Publisher: Industrial Materials Laboratory
Trade and Industrial Education
The Ohio State University
1885 Neil Avenue
Columbus, Ohio 43201

Copyright Date: 1969 Cost of Test Books: Inquire of publisher

Forms Available: One Specimen Set:

Standardization
Data: Percentile norms for total and part scores.
Validation studies have been conducted.
Reliability: $r=.94$ (N=422 high school seniors, KR 20).

Time to Administer: 4 hours in two sessions.

Answer Sheet and Scoring: Separate answer sheet. Centralized machine scoring service.

Test Description: 348 multiple-choice items covering

Scalp
Hands and Feet
Hair
Hair Tints and Bleach
Face Information
Facial
Makeup
Sanitation
Applied Science
Anatomy
Physiology
Shop Management
Trade Mathematics
Legal Guidance

NOTE: Restricted test, not available to individual teachers.
School officials may arrange for use.

Test Title: GENERAL INDUSTRIAL ARTS, COOPERATIVE INDUSTRIAL ARTS TESTS

Author(s):

Publisher: Educational Testing Service
Princeton, New Jersey 08540

Copyright Date: 1969 Cost of Test Books: 20/\$7

Forms Available: Two Specimen Set: \$3 for series

Standardization

Data: Percentile Norms
Validity: Content
Reliability: $r=.84$ (KR 20)

Time to Administer: 35 minutes.

Answer Sheet and Scoring: Separate answer sheet. Hand- or machine-score.

Test Description: 50 four-choice multiple-choice items covering

Drawing
Electricity
Electronics
~~Metals~~
Woods
Industrial Practice

~~More than 1/3 of the items are illustrated.~~

Test is designed for pupils in grades 7, 8, 9 who have completed a two-semester course in general industrial arts.

Test Title: SHORT OCCUPATIONAL KNOWLEDGE TEST FOR TRUCK DRIVERS

Author(s): Bruce A. Campbell and Suellen O. Johnson

Publisher: Science Research Associates
259 East Erie Street
Chicago, Illinois 60611

Copyright Date: 1970 Cost of Test Books: 20/\$4

Forms Available: Two Specimen Set: \$2 (estimate)

Standardization Data: Scores classified as Fail, Unclassifiable, or Pass.
Validity: 89% of subjects correctly categorized as qualified or unqualified, with "Unclassifiable" dropped out (N=145).
Reliability: $r=.75$ (N=145, KR 20). Alternate form correlations, $r=.83$ (N=145).

Time to Administer:

Answer Sheet and Scoring: Answers marked on test sheet. Scored by counting marks in boxes on back of carbon interleaved sheet.

Test Description: 20 four- and five-choice multiple-choice items covering Department of Transportation Regulations, Truck Terminology, and Accepted Driving Practices.

Test Title: STANFORD ACHIEVEMENT TEST: HIGH SCHOOL TECHNICAL COMPREHENSION TEST

Author(s): Eric F. Gardner, Jack C. Merwin, Robert Callis, and Richard Madden

Publisher: Harcourt, Brace, Joranovich
757 Third Avenue
New York, New York 10017

Copyright Date: 1965 Cost of Test Books: 35/\$7.70

Forms Available: Two Specimen Set: \$1.75

Standardization
Data: Percentile norms
Validity: Content
Reliability: $r=.93$ (N=1718, estimate of KR 20)

Time to Administer: 40 minutes

Answer Sheet and Scoring: Separate answer sheet.

Test Description: 70 four-choice multiple-choice items covering
Drawing
Metals and Metalworking
Wood and Woodworking
Electricity-Electronics
Automobile Mechanics
Common Tools

KEY WORD INDEX

ACCOUNTING

- The College Accounting Testing Program 119
- Achievement Test, Level I
- The College Accounting Testing Program 120
- Achievement Test, Level II

AIDE, NURSING

- Test Reservoir for Aide Instructors in 89
- Nursing (TRAIN)
- Testing the Aide's Skills with Children 90
- (TASC)
- Tool for Evaluating Abilities and Com- 91
- petencies of Home Health Aides (TEACH)

AIR CONDITIONING

- Achievement Test for Air Conditioning, 9
- Heating, and Refrigeration
- Refrigeration, Heating, and Air 18
- Conditioning

ANATOMY (*See also: NURSING*)

- Achievement Test in Anatomy and 50
- Physiology
- Achievement Tests in Nursing: Anatomy 61
- and Physiology

AUTO MECHANICS (*See also: DIESEL MECHANICS*)

- Achievement Test for Automotive 1
- Mechanics
- Auto Body, Ohio Trade and Industrial 2
- Education Tests
- Auto Mechanics 3
- Auto Mechanics Trade Competency 4
- Examination
- Automotive Mechanics, Ohio Trade and 5
- Industrial Education Test
- Examination in Automotive Mechanics 6
- Short Occupational Knowledge Test for 8
- Auto Mechanics

BANKING

- Money and Banking 130

BLUEPRINT READING (*See also: DRAFTING, MECHANICAL DRAWING*)

- The Fiesenheiser Test of Ability to 99
- Read Drawings
- Purdue Blueprint Reading Test 104

BOOKKEEPING (<i>See also: BUSINESS - GENERAL; CALCULATION;</i>	
<i>CLERICAL; OFFICE MACHINES; SECRETARIAL; SHORTHAND;</i>	
<i>STENOGRAPHIC; TYPING.</i>)	
Bookkeeping	112
Bookkeeping Achievement Test,	113
First Semester	
Bookkeeping Achievement Test,	114
First Year	
Bookkeeping, Minnesota High School	115
Achievement Examinations	
Bookkeeping Test, National Business	116
Entrance Tests	
Russell-Sanders Bookkeeping Test	132
Short Occupational Knowledge Test for	134
Bookkeepers	
Twentieth Century Bookkeeping and	141
Accounting: Advanced Course	
Bookkeeping Tests	
Twentieth Century Bookkeeping and	142
Accounting: Bookkeeping Tests,	
First Year	
BUSINESS - GENERAL (<i>See also: BOOKKEEPING; CALCULATION;</i>	
<i>CLERICAL; OFFICE MACHINES; SECRETARIAL; SHORTHAND;</i>	
<i>STENOGRAPHIC; TYPING.</i>)	
Business Fundamentals and General	117
Information Test, National	
Business Entrance Tests	
Business Law	118
General Business	126
General Business Achievement Test	127
CALCULATION (<i>See also: BOOKKEEPING; BUSINESS - GENERAL;</i>	
<i>CLERICAL; OFFICE MACHINES; SECRETARIAL; SHORTHAND;</i>	
<i>STENOGRAPHIC; TYPING.</i>)	
Machine Calculation Test, National	129
Business Entrance Tests	
CARPENTRY	
Carpentry Trade Competency Examination	12
Examination in Carpentry	14
Purdue Trade Information Test in	15
Carpentry	
Short Occupational Knowledge Test	19
for Carpenters	
CHEMICAL OPERATORS	
Chemical Operators Selection Test	149

CHEMISTRY

Achievement Test in Chemistry	53
Achievement Tests in Nursing:	64
General Chemistry	
Achievement Tests in Nursing:	69
Organic and Inorganic Chemistry	

CLERICAL (See also: BOOKKEEPING; BUSINESS - GENERAL; CALCULATION; OFFICE MACHINES; SECRETARIAL; SHORTHAND; STENOGRAPHIC; TYPING.)

General Office Clerical Test	128
(Including Filing), National	
Business Entrance Tests	

COSMETOLOGY

Cosmetology, Ohio Trade and Indus-	150
trial Education Tests	

DATA PROCESSING

Achievement Test for Data Process-	110
ing Technology - Business	
Achievement Test for Data Process-	111
ing Technology - Scientific	
Computers and Data Processing	123

DIESEL MECHANICS

Heavy Equipment and Diesel Trades	7
---	---

DRAFTING (See also: BLUEPRINT READING; MECHANICAL DRAWING.)

Drafting Trade Competency Examination	24
Examination in Architectural Drafting	26
and Building Construction	
General Drafting: A Comprehensive	27
Examination	
Mechanical Drafting, Ohio Trade and	28
Industrial Education Tests	
Short Occupational Knowledge Test	33
for Draftsmen	

ELECTRICAL FIELD

Achievement Test for Electrical	10
Installation and Maintenance	
(Industrial Electricity)	
Basic Electricity, Ohio Trade and	11
Industrial Education Tests	
Electricity Electronics Competency	37
Examination	
Electricity-Electronics, Cooperative	38
Industrial Arts Tests	

Electrical Sophistication Test	13
Examination in Technical Electricity	41
and Electronics	
Short Occupational Knowledge Test	20
for Electricians	
ELECTRONICS	
Achievement Test for Electronics	34
Technology	
Basic Electronics, Ohio Trade and	36
Industrial Education Tests	
Electronics	39
Troubleshooting Trainer-Tester Device	42
for the Basic Positioning Servo	
System (Electronics)	
Troubleshooting Trainer-Tester Device	43
for the Basic Radar System	
(Electronics)	
Troubleshooting Trainer-Tester Device	44
for the Black and White Television	
Receiver (RCA-ACS78) (Electronics)	
Troubleshooting Trainer-Tester Device	45
for Electronic Circuits	
Troubleshooting Trainer-Tester Device	46
for the Push-Pull Amplifier	
(Electronics)	
Troubleshooting Trainer-Tester Device	47
for the Superheterodyne Receiver	
(Electronics)	
Troubleshooting Trainer-Tester Device	48
for the Three-Stage Transmitter	
(Electronics)	
INDUSTRIAL ARTS	
Drawing, Cooperative Industrial Arts Tests	25
Electricity/Electronics, Cooperative Indus-	
trial Arts Tests	38
General Industrial Arts, Cooperative Indus-	
trial Arts Tests	151
Metals, Cooperative Industrial Arts Tests	103
Woods, Cooperative Industrial Arts Tests	22
MACHINE SHOP (<i>See also: METAL WORK; MICROMETER.</i>)	
Achievement Test for Machinists	92
Can You Read a Scale?	95
Examination in Machine Shop Practices	97
Machine Trade Competency Examination	101

Machine Trades, Ohio Trade and	102
Industrial Education	
Purdue Trade Information Test in	105
Engine Lathe Operations	
Short Occupational Knowledge Test	107
for Machinists	
MECHANICAL DESIGN	
Examination in Mechanical Design and	98
Construction	
MECHANICAL DRAWING (<i>See also: BLUEPRINT READING;</i>	
<i>DRAFTING.</i>)	
Can You Read a Working Drawing?	96
Drawing, Cooperative Industrial	25
Arts Tests	
Mechanical Drawing	29
METAL WORK	
General Metals "	100
Metals, Cooperative Industrial	103
Arts Tests	
Purdue Trade Information Test for	105
Sheet Metal Workers	
Sheet Metal, Ohio Trade and	17
Industrial Education Tests	
MICROBIOLOGY (<i>See also: NURSING.</i>)	
Achievement Test in Microbiology	55
Achievement Tests in Nursing:	66
Microbiology	
MICROMETER	
Can You Read a Micrometer?	94
NURSING (<i>See also: AIDE; ANATOMY; MICROBIOLOGY; NUTRI-</i>	
<i>TION; PHARMACOLOGY; PSYCHOLOGY; SCIENCES.</i>)	
Achievement Test in Basic Nursing	51
Procedures and Elementary Nutrition	
Achievement Test in Elementary	54
Psychiatric Nursing	
Achievement Tests in Nursing:	62
Cancer Nursing	
Achievement Test in Nursing of	57
Children	
Achievement Tests in Nursing:	63
Communicable Diseases	
Achievement Tests in Nursing:	65
Medical Nursing	
Achievement Tests in Nursing:	68
Obstetrical Nursing	

Achievement Tests in Nursing:	70
Pediatric Nursing	
Achievement Tests in Nursing:	73
Surgical Nursing	
Achievement Test in Obstetric	58
Nursing	
Achievement Tests in Practical	74
Nursing	
Achievement Test in Psychiatric	59
Nursing	
Achievement Test in Public Health	60
Nursing	
Basic Course-End Achievement Test	75
in Medical-Surgical Nursing	
Comprehensive Achievement Test in	77
Communicable Disease Nursing	
Comprehensive Achievement Test in	79
Disaster Nursing	
Comprehensive Achievement Test in	80
Maternal-Child Nursing	
Comprehensive Achievement Test in	81
Maternity and Child Nursing	
Comprehensive Achievement Test in	82
Medical-Surgical Nursing	
Comprehensive Achievement Test in	83
Medical-Surgical Nursing,	
Part I (Three-in-One)	
Comprehensive Achievement Test in	84
Medical-Surgical Nursing,	
Part II (Two-in-One)	
Practical Nursing Achievement Test:	87
Nursing Including Aspects of	
Pharmacology	
Practical Nursing Achievement Test:	88
Three Units of Content	
NUTRITION (<i>See also: NURSING.</i>)	
Achievement Test in Normal Nutrition	56
Achievement Tests in Nursing:	67
Nutrition and Diet Therapy	
Comprehensive Achievement Test in Diet	78
Therapy and Applied Nutrition	
OFFICE MACHINES (<i>See also: BOOKKEEPING; BUSINESS -</i>	
<i>GENERAL; CALCULATION; CLERICAL; SECRETARIAL; SHORT-</i>	
<i>HAND; STENOGRAPHIC; TYPING.</i>)	
Short Occupational Knowledge Test for	135
Office Machine Operators	

PHARMACOLOGY (<i>See also: NURSING.</i>)	
Achievement Test in Basic Pharmacology	52
Achievement Tests in Nursing:	71
Pharmacology	
→ Comprehensive Achievement Test in	86
Pharmacology in Clinical Nursing	
(Facts and Principles and Their	
Application)	
PSYCHOLOGY (<i>See also: NURSING.</i>)	
Achievement Tests in Nursing:	72
Psychology and Sociology	
PHOTOGRAPHY	
Modern Photography Comprehension Test	30
PLUMBING	
Short Occupational Knowledge Test	21
for Plumbers	
PRINTING	
Printing, Ohio Trade and Industrial	31
Education Tests	
Printing Trade Competency Examination	32
RADIO AND TELEVISION REPAIR	
Achievement Test for Radio and	35
Television Servicing	
SCIENCES	
Comprehensive Achievement Test in	76
Applied Natural Sciences	
Comprehensive Achievement Test in	85
Natural Sciences in Nursing	
SECRETARIAL (<i>See also: BOOKKEEPING; BUSINESS - GENERAL;</i>	
<i>CALCULATION; CLERICAL; OFFICE MACHINES; SHORTHAND;</i>	
<i>STENOGRAPHIC; TYPING.</i>)	
Secretarial Skills	133
Short Occupational Knowledge Test	136
for Secretaries	
SHORTHAND (<i>See also: BOOKKEEPING; BUSINESS- GENERAL;</i>	
<i>CALCULATION; CLERICAL; OFFICE MACHINES; SECRETARIAL;</i>	
<i>STENOGRAPHIC; TYPING.</i>)	
Commercial Education Survey Tests:	121
Junior Shorthand	
Commercial Education Survey Tests:	122
Senior Shorthand	
PRI Test of Shorthand Skills	131
Shorthand Test	137

STENOGRAPHIC (<i>See also: BOOKKEEPING; BUSINESS - GENERAL; CALCULATION; CLERICAL; OFFICE MACHINES; SECRETARIAL; SHORTHAND; TYPING.</i>)	
Stenographic Test, National Business	138
Entrance Tests	
TECHNICAL	
Stanford Achievement Test: High School	153
Technical Comprehension Test	
TOOL (<i>See also: MACHINE SHOP; MECHANICAL DESIGN.</i>)	
Short Occupational Knowledge Test for	108
Tool and Die Makers	
TELEVISION REPAIR (<i>See: ELECTRONICS; RADIO.</i>)	
TRUCK DRIVERS	
Short Occupational Knowledge Test for	152
Truck Drivers	
TYPING (<i>See also: BOOKKEEPING; BUSINESS - GENERAL; CALCULATION; CLERICAL; OFFICE MACHINES; SECRETARIAL; SHORTHAND; STENOGRAPHIC.</i>)	
Every Pupil Achievement Test:	124
Typewriting I	
Every Pupil Achievement Test:	125
Typewriting II	
Students Typewriting Tests	139
Typewriting Achievement Test - 1st year	143
Typewriting Achievement Test - 2nd year	144
Typewriting Test, National Business	145
Entrance Tests	
Typing Skills Test	146
Typing Test	147
Typing Test for Business	148
WELDING	
Purdue Trade Information Test in	106
Welding (Revised Edition)	
Short Occupational Knowledge Test	108
for Welders	
Welding Trade Competency Examination	93
WOODWORKING	
Woods, Cooperative Industrial Arts	22
Tests	
Woodworking	23